

2015 POOL & SPA PRODUCTS BUYERS GUIDE

Includes ProStar® All-American Replacement Parts and Fillable Friends™





A Passion for Pools



Passion can take many forms. We at AquaStar believe it revolves around building better products that will make a difference in both safety and practical use. Developing meaningful and useful products has always been at our core, but recently we are finding new challenges that need to be explored. To that end, we are creating a world-class laboratory that will be useful in developing new technologies. Our hope is that the pool industry will soon see the new advancements we are making and that the lab will result in new and exciting innovations.

For 2015 we have once again added dozens of new products, including a whole new approach to artistry in the pool finish without the use of tiles. Our patented new Fillable Friends line will allow designers, builders and finishers to put a special touch to their projects by adding an array of sea animals and designs to the surface finish of any pool, spa or fountain. We have also added more items to our line of therapeutic jets as well as several new drains and fittings to our product offerings. The exciting new Ultimate Ozone unit has a large ozone output and will connect easily to the patented ZarStar skimmer system, allowing for direct injection of ozone to the skimmer throat.

We embrace the new challenges that lie before us and have great expectations for our new product development. As always, we will push the envelope on VGB-related products and look forward to bringing the industry many fresh and exciting upgrades.

Our mission of "Affordability", "Quality" and "Made in the USA" will continue. The AquaStar team is geared up and ready for any task you might have.

On behalf of our entire team, I once again say **Thank You** for your loyal support for our ever-growing line of products.

Olaf Mjelde BFN

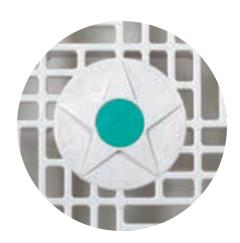
President

Table of Contents

- 3 What Makes AquaStar Different
- 4 Drains
- 6 Drain Cross-Reference Chart
- 68 Fittings
- 84 AquaThunder Spa Jets
- 91 Skimmers

- 104 Pool Cleaners
- 107 Chemical Feeders
- 111 Fillable Friends
- 123 ProStar Replacement Parts
- 150 Terms and Conditions
- 152 Index

The AquaStar VGB Compliance Button



Swimming Man VGB 2008 Button

AquaStar's unique trademarked compliance button identifies submerged suction outlets from pool and spa deckside, perfect for Department of Health and building officials' inspection and verification processes.

NOTE: To comply with the ANSI/APSP 16 standard, AquaStar has determined that all covers and screws need to be replaced every **FIVE** years from date of installation. The facility owner should keep records. Make sure frame/sump is structurally sound and screws have at least **THREE** threads of engagement, or replacement of the frame/sump is also necessary.

What Makes AquaStar Different



VGB-Compliant

AquaStar suction outlets, gravity drains, sumps, frames and retrofit plates are the safest drains available, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (federal mandate).



CPSC-Listed

All AquaStar drain covers and sumps are tested at nationally recognized testing labs (NRTL), exceeding ANSI/APSP 16-2011, NSF/ANSI 50-2009a and G154 UV standards.



Advanced Materials

AquaStar's engineered polymers far exceed the UV and durability standards of other materials. AquaStar has been testing all materials to the G154 UV test standard since 2004, long before it became a standard requirement.



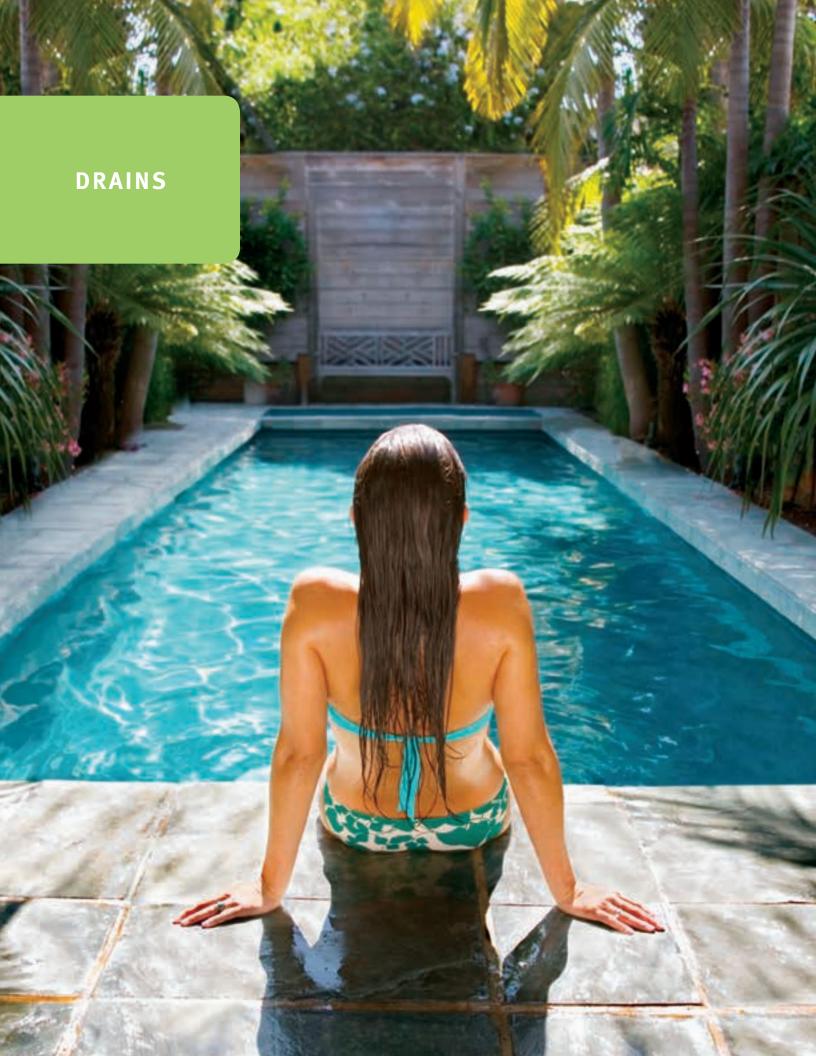
Innovative Technology

A disciplined approach to research and development, combined with advanced manufacturing methods enables AquaStar to deliver cuttingedge products to the market faster.



Proudly Made in the USA

A commitment to American-made materials and processes means AquaStar oversees every aspect of product development, ensuring superior quality while creating valuable jobs for our communities.





IMPORTANT NOTICE

VIRGINIA GRAEME BAKER POOL & SPA SAFETY ACT

5 YEARS. 5 REASONS.

It's been over five years since the Virginia Graeme Baker Pool & Spa Safety Act became effective — meaning it's time for public facilities to start replacing their pool and spa drain covers. Here's why this should be your priority as well.



IT'S THE LAW. The VGB law that went into effect in 2008 requires that all public pools and spas have drain covers that comply with the ASME/ANSI A112.19.8 performance standard, or any successor standard, currently ANSI/APSP 16-2011. This standard requires that manufacturers determine a life expectancy and place a permanent mark with "Life: X Years" on each cover to indicate lifespan. At AquaStar, based on UV, structural and fastener testing, we've determined that our drain covers should be replaced every five years from the date of installation, as stated in our instructions. We have partnered with you to make sure your customers are in compliance with the law and our customer service department is here to help in any way we can.



REDUCE LIABILITY. The law requires that compliant drain covers be installed in all public pools and spas, in accordance with manufacturer instructions. Failure to comply can result in pool closings and stiff civil penalties, as well as resulting liability in the event of a tragedy.



IT'S SIMPLE. Public pools are required to install compliant covers in accordance with manufacturer instructions. You want your residential customers to have the same level of protection. To ensure structural integrity and avoid accidents with broken covers, the drain covers that public pools and spas installed five years ago need to be replaced. Our drain cover solutions give you the selection you need to meet any requirements. (See cross-reference chart on next page and our website for our wide array of available replacement options.) And if you don't currently have an AquaStar drain cover, we also have many retrofit choices that will adapt to other manufacturers' frames and sumps. Keep in mind that you must also assess the integrity of the existing frame or sump to ensure that it is structurally sound and able to get three threads of engagement with the new screws provided with each cover. Remember, at AquaStar, every product is held to the highest standard of quality, resulting in superior, dependable products that last.



IT'S SMART BUSINESS. When you remind your customers about their upcoming drain cover expirations, you are more than just a pool supply vendor for them. You're a trusted resource and partner helping them stay compliant with the law and keeping consumers safe. And that's good for business.



DON'T WAIT UNTIL IT'S TOO LATE. While replacing drain covers is the legal thing to do, it's also the safe thing to do. Help your customers make the right decision — at the right time.

As you're helping your customers select new drain covers this year, consider AquaStar. Every AquaStar pool product is designed and manufactured in the United States, ensuring the highest quality merchandise. Our entire product line is designed to provide the very best look, feel and performance.



















COMPLETE LINE OF VGB COMPLIANT RETROFIT DRAINS

VGB 2008 Suction Outlet Retrofit Cross-Reference Chart

Replace suction outlet covers five years after installation with Aquastar anti-entrapment suction outlet covers. CPSC-approved • ANSI/APSP-16 2011 • NSF 50-2009 EXISTING PART #* REPLACEMENT VGB PART #* **EXISTING PART #* REPLACEMENT VGB PART #* FXISTING PART #* REPLACEMENT VGB PART #*** 4RNDxxx or RFS9xxx 914xxx or R914xxx R4RNDxxx 6HPxxx with SCW1026 914xxx, R9MFxxx 914xxx (9" Square) (14" Square) (4" Round) LPRFS9xxx 1216xxx or R1216xxx 4HPxxx (4" Round) 4HPxxx 914xxx, R9MFxxx 1216xxx (16" Square) (9" Square) WAV18xxx or WAV18WRNFxxx, SRFS9xxx, P9xxx WAV18WRxxx 6HPxxx (6" Round) 6HPxxx WAV9WRxxx, 914xxx, 9MFxxx RSUN18HPHxxx, P18NFxxx, (9" Square) (18" Square with 18MFNFxxx Four 9" Squares) WAV18WRNFxxx, SUN18xxx 6HPHAxxx WAV9WRxxx. RSUN18HPHxxx, P18NFxxx. P9xxx (9" Square) 6HPHAxxx (18" Square with (6" Round) 914xxx, 9MFxxx Four 9" Squares) 18MFNFxxx 10AVxxx or SUN18HPHxxx WAV18WRNFxxx, 8AVxxx or 8AVWRxxx LP8AVWRxxx, A8Rxxx, 10AVRxxx, 10MFxxx, 10AVWRxxx (18" Square with RSUN18HPHxxx, (8" Round) 8HPxxx, 8MFxxx, A10RCFRxxx A10RCFRxxx (10" Round) Four 9" Squares) P18NFxxx, 18MFNFxxx SUNA18xxx or LP8AVxxx or LP8AVWRxxx, A8Rxxx, 10AVRCFRxxx SUNA18WRxxx WAV18WRNFxxx, 18MFNFxxx, LP8AVWRxxx A10RCFRxxx 8HPxxx, 8MFxxx, A10RCFRxxx (10" Round) (18" Square with RSUN18HPHxxx, P18NFxxx (8" Round) Four 9" Squares) WAV18WRNFxxx, P18xxx A8xxx or A8Rxxx LP8AVWRxxx. A8Rxxx. 10AVRxxx 10AVRxxx, 10MFxxx, (18" Square with RSUN18HPHxxx, P18NFxxx, (8" Round) 8HPxxx, 8MFxxx, A10RCFRxxx (10" Round) A10RCFRxxx Four 9" Squares) 18MFNFxxx 18xxx WAV18WRNFxxx, 8FUWxxx LP8AVWRxxx, A8Rxxx, 10LTxxx 10LTxxx, 10AVRxxx, 10MFxxx, (18" Square with RSUN18HPHxxx, P18NFxxx, (8" Round) 8HPxxx, 8MFxxx, A10RCFRxxx (10" Round) A10RCFRxxx Four 9" Squares) 18MFNFxxx WAV24xxx 8HPxxx LP8AVWRxxx. A8Rxxx. A10RCFRxxx WAV24NFxxx, 24NFxxx, A10RCFRxxx (24" Square with 8HPxxx, 8MFxxx, A10RCFRxxx (8" Round) (10" Round) P24NFxxx Four 12" Squares) **24xxx** R8HPxxx, R8MFxxx, 10AVRxxx, 10MFxxx, WAV24NFxxx, 24NFxxx, R8HPxxx 10CCxxx (24" Square with (8" Round) A10RCFRxxx (10" Round) A10RCFRxxx P24NFxxx, Four 12" Squares) P24xxx P24NFxxx, 24NFxxx. RI PRAVxxx R8HPxxx, R8MFxxx. 10FL xxx 10AVRxxx. 10MFxxx. (24" Square with (8" Round) A10RCFRxxx (10" Round) A10RCFRxxx WAV24NFxxx Four 12" Squares) 32CDFLxxx or LP8MHxxx RWAV12xxx 32CDFLNFxxx, 32CDAVNFxxx, 8HPMHxxx, 8MFMHxxx 1216xxx, R12MFxxx 32CDFLFRxxx 32CDPHNFxxx (8" Round) (12" Square) (32" Channel Drain) P12xxx, WAV12xxx 32CDAVxxx or 8CCxxx LP8AVWRxxx, A8Rxxx, 8HPxxx, WAV12WRxxx, 1216xxx, 32CDFLNFxxx, 32CDAVNFxxx, or WAV12WRxxx 32CDAVFRxxx (8" Round) 8MFxxx, A10RCFRxxx 12MFxxx 32CDPHNFxxx (12" Square) (32" Channel Drain) SUN12xxx, 32CDLTxxx or WAV12WRxxx, 1216xxx, 32CDFLNFxxx. 32CDAVNFxxx. 8FLxxx LP8AVWRxxx. A8Rxxx. SUN12WRxxx 32CDLTFRxxx (8" Round) 8HPxxx, 8MFxxx, A10RCFRxxx 12MFxxx 32CDLTFRxxx, 32CDPHNFxxx (12" Square) (32" Channel Drain) 32CDPHxxx or 9xxx RSUN12xxx 32CDFLNFxxx, 32CDAVNFxxx, WAV9WRxxx, 914xxx, 9MFxxx 1216xxx, R12MFxxx 32CDPHFRxxx 32CDPHNFxxx (9" Square) (12" Square) (32" Channel Drain) RWAV9xxx RFS12xxx 32CDFLVxxx 32CDFLNFxxx, 32CDAVNFxxx, 914xxx. R9MFxxx 1216xxx, R12MFxxx (9" Square) (12" Square) (32" Channel Drain) 32CDPHNFxxx WAV9xxx or WAV9WRxxx, 914xxx, SRFS12xxx WAV12WRxxx, 1216xxx, 32CDAVVxxx 32CDFLNFxxx, 32CDAVNFxxx. WAV9WRxxx (12" Square) (32" Channel Drain) 32CDPHNFxxx 9MFxxx 12MFxxx (9" Square) SUN9xxx or WAV12WRxxx, 1216xxx. *See AquaStar Color Chart for Part Ending WAV9WRxxx, 914xxx, 9MFxxx SUN9WRxxx (12" Square) 12MFxxx #s / Color Codes: 100=Clear, 101=White, (9" Square) 102=Black, 103=Light Gray, 104=Blue, 105=Dark Gray, 106=Bone, 107=Taupe, RSIIN9xxx 12xxx WAV12WRxxx. 1216xxx. 914xxx, R9MFxxx (9" Square) (12" Square) 12MFxxx 108=Tan



Sump Bucket Configurations

A selection of our drain covers are available with the following additional sump bucket configurations. Letters A–F at the end of the part number correspond to the desired configuration.

8MFxxx A = 8" Anti-Entrapment Suction Outlet with Double-Deep Sump

A Double-Deep Sump (see drain cover options on following pages)





B Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump (see drain cover options on following pages)





4" Socket Deep PVC Sump (see drain cover options on following pages)



6" Socket Deep PVC Sump (see drain cover options on following pages)





SB Standard Sump (see drain cover options on following pages)



SBAC Standard Sump with Adjustable Collar (see drain cover options on following pages)



SBV Standard Sump for Vinyl/Fiberglass (see drain cover options on following pages)



4" Round Hockey Puck Sumpless Suction Outlet Cover

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use in gunite, steel, vinyl, fiberglass and tile pools and spas (see installation instructions)

Single – sumpless

Floor/wall: 56 GPM at 3.5 fps Floor/wall: 24.4 GPM at 1.5 fps Floor/wall: 16.2 GPM at 1.0 fps

5.2 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws (3) for

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Easily and safely retrofits many HydroAir/ITT parts

See next page for six adapter plates sold separately, available for sumpless connections to 1022s, 1.5" female adapters, 1.5" and 2" inside and outside slip and threads

Replace every five years from the date of installation

25 per case

No sump required!

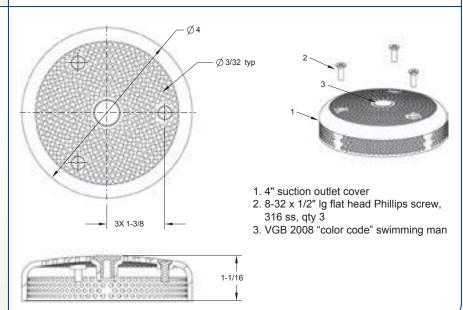




Part # 4HPxxx

STANDARD COLORS





ADDITIONAL PRODUCT CONFIGURATIONS FOR 4HPXXX (sold separately)

STANDARD COLORS









108

Features: Adapter Plates for 4HPxxx

For single or multiple drain use in gunite, steel, vinyl, fiberglass and tile pools and spas (see installation instructions)

Three brass inserts

Manufactured from superior UV-resistant engineered polymers/ABS

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Six combinations available for sumpless connections to 1022s, 1.5" female adapters, 1.5" and 2" inside and outside slip and threads; baseplates sold separately

Code Key:

4 = for 4HPxxxxxx = color(i.e. 101 = white) HP = "hockey puck" cover $25 = 2\frac{1}{2}$ " $15 = 1\frac{1}{2}$ "

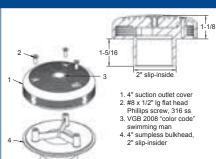
Soc. = socket, slip 20 = 2" Spg. = spigot, slip

SI = Slip Insider T = Thread

4" Bulkhead Adapter with 2" Slip-Insider Sumpless Fitting (sold separately)



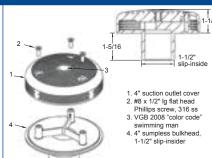
Part # 420Slxxx



4" Bulkhead Adapter with 1½" Slip-Insider Sumpless Fitting (sold separately)



Part # 415Slxxx



4" Bulkhead Adapter with 2" Threaded x 1½" Socket Sumpless Fitting (sold separately)



Part # 420T15Sxxx

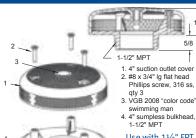


- 3. VGB 2008 "color code" swimming man
 4. 4" sumpless bulkhead,
 - 2" MPT x 1-1/2" soc.

4" Bulkhead Adapter with 11/2" Threaded Sumpless Fitting (sold separately)



Part # 415Txxx



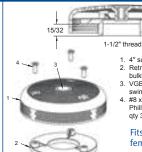
Use with 11/2" FPT, does not fit 1022

5/8

Retrofit 4" Bulkhead Adapter with 1½" Threaded Sumpless Fitting (sold separately)



Part # R415Txxx Also retrofits HydroAir #30-6906 and #30-6806



4" suction outlet cover Retro 4" sumpless bulkhead, 1-1/2" MPT 3. VGB 2008 "color code"

1-1/16

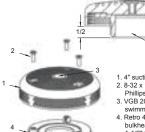
swimming man #8 x 1/2" Ig flat head Phillips screw, 316 ss, qty 3

Fits 1022 female adapters

Retrofit 4" Bulkhead Adapter with 1½" Extended Threaded Sumpless Fitting (sold separately)



Part # RE415Txxx Also retrofits HydroAir #30-6906 and #30-6806



- 1. 4" suction outlet cover 2. 8-32 x 1/2" Ig flat head Phillips screw, 316 ss 3. VGB 2008 "color code"
- swimming man Retro 4" sumpless bulkhead, w/ extended 1-1/2" thread

27/32

-1-1/2" straight

pipe thread

6" Round Hockey Puck Sumpless Suction Outlet Cover, HydroAir/ITT Replacement

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use in gunite, steel, vinyl, fiberglass and tile pools and spas (see installation instructions)

Single – sumpless

Floor/wall (2" pipe): 224 GPM at 6.3 fps

Floor (1½" pipe): 177 GPM at 5.9 fps Wall (1½" pipe): 122 GPM at 3.4 fps

Floor/wall: 53.3 GPM at 1.5 fps Floor/wall: 35.5 GPM at 1.0 fps

10.4 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

See next page for eight adapter plates sold separately, available for sumpless connections to 1022s, 1.5" female adapters, 1.5" and 2" inside and outside slip and threads as well as existing HydroAir wall fittings #10-6015S and 10-6304S (both with brass inserts)

Replace every five years from the date of installation

25 per case

No sump required!





Part # 6HPxxx

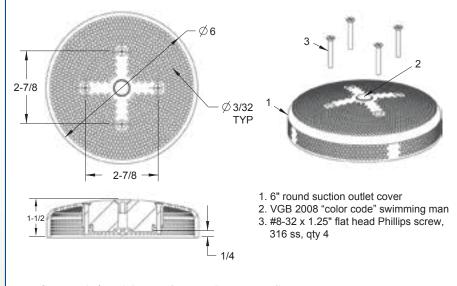
STANDARD COLORS



HydroAir retrofit version also available p/n 6HPHAxxx

Can replace MaxFlow covers used with p/n 6HA25T20Sxxx

VGB 2008 Compliant



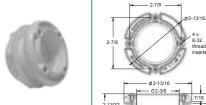
Retrofits to Sta-Rite/Pentair #8011 and AquaStar #4RNDxxx equalizer

ADDITIONAL PRODUCT CONFIGURATIONS FOR 6HPXXX (sold separately) 25/case

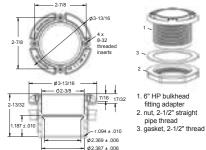
STANDARD COLORS 101 103 104 105 108

 $15 = 1\frac{1}{2}$ ", 20 = 2" SI = Slip Insider Code Kev: 6 = for 6HPxxxxxx = colorSoc. = socket, slip HP = "hockey puck" (i.e. 101 = white) T = Thread $25 = 2\frac{1}{2}$ " Spg. = spigot, slip

6" Bulkhead Adapter with 2½" Thread and 2" Socket for Fiberglass/ Steel, with Gasket and 2½ Locking Nut (sold separately)



Part # 6HA25T20Sxxx (to be used with part # 6HPHAxxx)

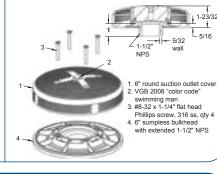


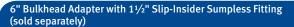
6" Bulkhead Adapter with Extended 1½" Threaded Sumpless Fitting (sold separately)

Use with flush mount 1½" FPT, does not fit 1022 female adapters

Part #

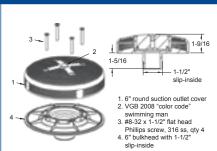


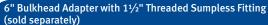






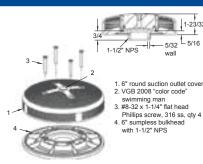
Part # 615Slxxx







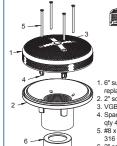




6" Bulkhead Adapter with 2" Socket Sumpless Fitting (sold separately)



Part # **RNDxxx**



- .154 min. wall 1. 6" suction outlet cover, HydroAir
- replacement

 2. 2" socket sumpless fitting
- 3. VGB 2008 "color code" swimming man Spacer blocks, 6" round suction outlet,
- 5. #8 x 2.5" flat head Phillips screw, 316 ss, qty 4 6. 2" socket x 1-1/2" socket pipe reducer

6" Bulkhead Adapter with 2" Threaded x 1½" Socket Sumpless Fitting (sold separately)



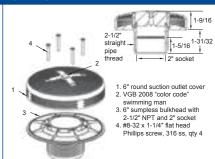


1-9/16 1-1/8 2" pipe 1-1/2" socket 6" suction outlet cover
 VGB 2008 "color code"
 swimming man
 6" sumpless bulkhead with 2" thread and 1-1/2" soc. 4. #8-32 x 1-1/4" flat head Phillips screw, qty 4

6" Bulkhead Adapter with 2½" Threaded x 2" Socket Sumpless Fitting (sold separately)



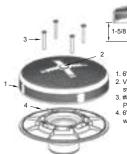
625T20Sxxx



6" Bulkhead Adapter with 2" Slip-Insider Sumpless Fitting (sold separately)

Also available as 1½" slip Insider p/n 615Slxxx Part #





- 1. 6" round suction outlet cover VGB 2008 "color code" swimming man
 #8-32 x 1-14" flat head
- Phillips screw, 316 ss, qty 4
- 6" sumpless bulkhead with 2" slip-insider

1-9/16

8" Round Star Anti-Entrapment Suction Outlet Cover, Solid Riser Ring and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single – sumpless: Floor: 140 GPM at 2.8 fps Wall: 84 GPM at 1.7 fps

Single – 3" minimum sump depth Floor: 145 GPM at 2.8 fps Wall: 84 GPM at 1.7 fps

Floor/wall: 75 GPM at 1.5 fps Floor/wall: 50 GPM at 1.0 fps

16.0 square inch opening

Additional sump versions also available

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Replace every five years from the date of installation

24 per case

U.S. patent D621009



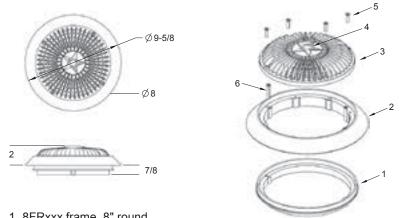
Part # A8Rxxx

Fits: AquaStar (all standard 8" models), American, Pentair, Color Match, Waterway and most Custom Molded (CMP)

STANDARD COLORS



8" Round Solid Riser Ring also sold separately p/n A8RRxxx



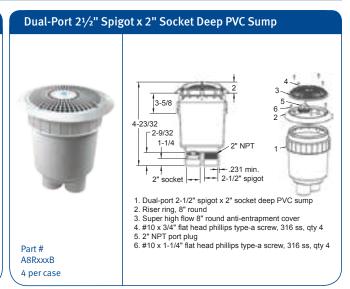
- 1. 8FRxxx frame, 8" round
- 2. A8RRxxx riser ring, 8" round
- 3. A8Rxxx super high flow 8" round anti-entrapment cover
- 4. VGB 2008 "color code" swimming man
- 5. 10x075-FPA #10 x 3/4" flat-head phillips type-a screw, 316 ss, qty 4
- 6. 10x125-FPA #10 x 1-1/4" flat-head phillips type-a screw, 316 ss, qty 2

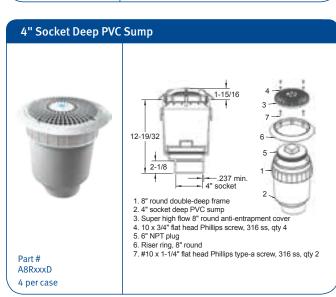
ADDITIONAL PRODUCT CONFIGURATIONS FOR A8RXXX

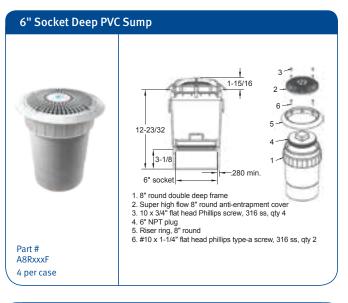
Double-Deep Sump 1. 8" round double deep frame 2. Riser ring, 8" round 3. Super high flow 8" round anti-entrapment cover 4. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 4 5. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 2

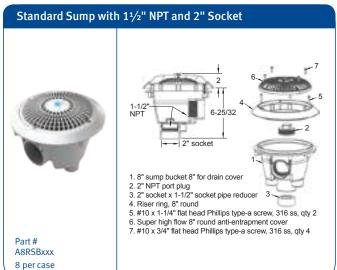
ARRXXXA

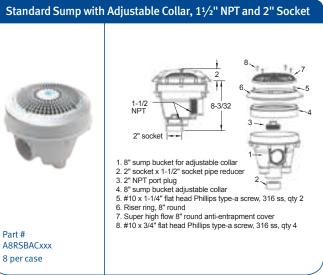
4 per case











8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" minimum sump depth (see installation instructions)

Single

Floor: 100 GPM at 2.0 fps Wall: 70 GPM at 1.7 fps

Floor/wall: 61.2 GPM at 1.5 fps Floor/wall: 40.8 GPM at 1.0 fps

13.1 square inch opening

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Replace every five years from the date of installation

24 per case

U.S. patent D663388

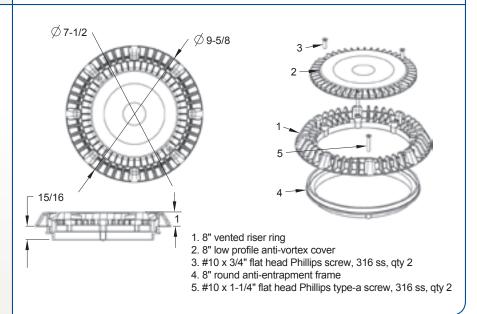
Part # LP8AVWRxxx

Fits: AquaStar (all standard 8" models), American, Pentair, Color Match, Waterway and most Custom Molded (CMP)

STANDARD COLORS



8" Round Vented Riser Ring also sold separately p/n 8RRxxx

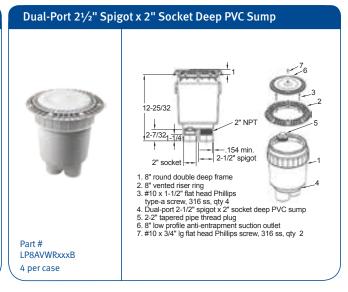


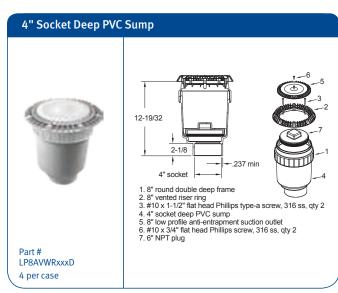
ADDITIONAL PRODUCT CONFIGURATIONS FOR LP8AVWRXXX

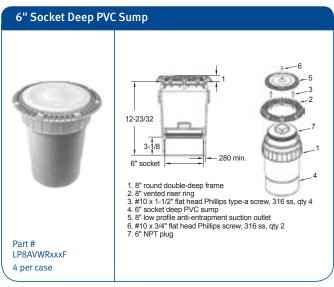
Double-Deep Sump 1. 8" round double deep frame 2. 8" vented riser ring 3. #10 x 1-1/2" flat head Phillips type-a screw, 316 ss, qty 4 4. 8" low profile anti-entrapment suction outlet 5. #10 x 3/4" lg flat head Phillips screw, 316 ss, qty 2

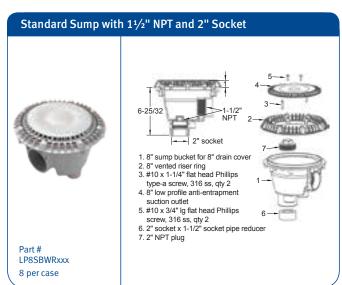
I P8AVWRxxxA

4 per case











8" Round Hockey Puck Sumpless Suction Outlet Cover and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use in concrete or tile pools and spas (see installation instructions)

Single – sumpless Floor/wall: 224 GPM at 6.3 fps

Floor/wall: 74.3 GPM at 1.5 fps Floor/wall: 49.3 GPM at 1.0 fps

10.4 square inch opening

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits most brands' existing 8" frames and sumps that R8HPxxx does not fit*

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

Replace every five years from the date of installation

32 per case

No sump required!

Ideal for fiberglass and all sumpless configurations.





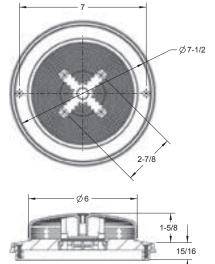
*Fits: AquaStar (all standard 8" models), American, Pentair, Color Match, Waterway and most Custom Molded (CMP) – at least two mud frame screws must be used to secure cover

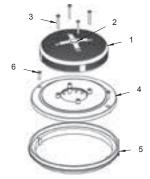
Part # 8HPxxx

STANDARD COLORS



Also available with Retrofit Skimmer Equalizer Kit p/n 8HPMHxxx

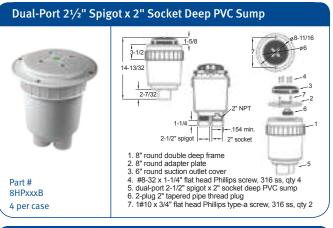


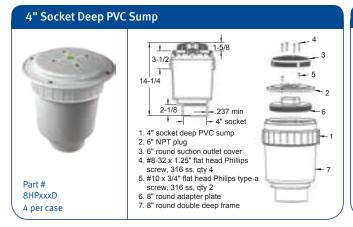


- 1. 6" round suction outlet cover
- 2. VGB 2008 "color code" swimming man
- 3. #8-32 x 1-1/4" flat head Phillips screw, 316 ss, qty 4
- 4. 8" round adapter plate
- 5. 8" round frame
- 6. #10 x 3/4" flat head Phillips screw, 316 ss, qty 4

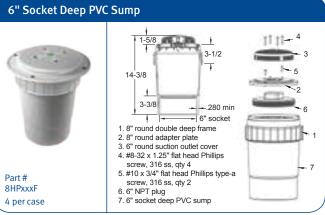
ADDITIONAL PRODUCT CONFIGURATIONS FOR 8HPXXX

5. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 2

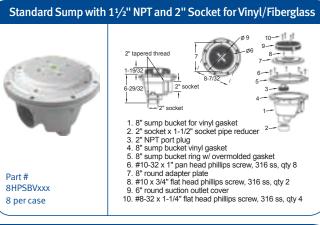


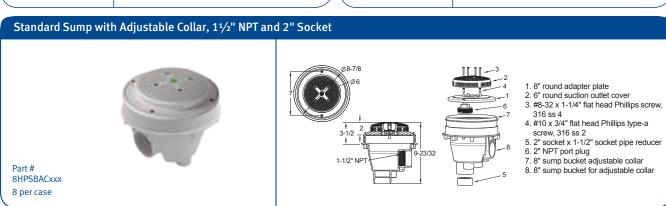


4 per case









8" Round MoFlow™ Suction Outlet Cover and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" sump depth / min. 2" pipe (see installation instructions)

Single

Floor: 166 GPM at 3.2 fps Wall: 113 GPM at 2.2 fps

Floor/wall: 77.8 GPM at 1.5 fps Floor/wall: 51.9 GPM at 1.0 fps

16.6 square inch opening

Additional sump and frame versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Replace every five years from the date of installation

36 per case

U.S. patent D621009

Part # 8MFxxx

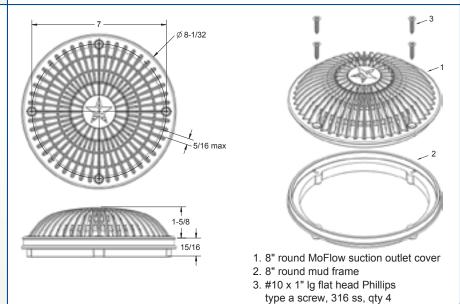
Fits: AquaStar (all standard 8" models), American, Pentair, Color Match, Waterway and most Custom Molded (CMP). At least two mud frame screws must be used to secure cover.

STANDARD COLORS

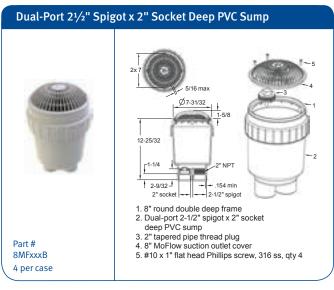


Replaces p/n 8AVWRxxx and 8FUWxxx

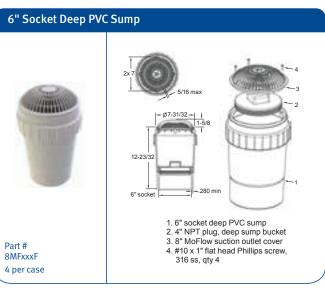
Also available with Retrofit Skimmer Equalizer Kit p/n 8MFMHxxx

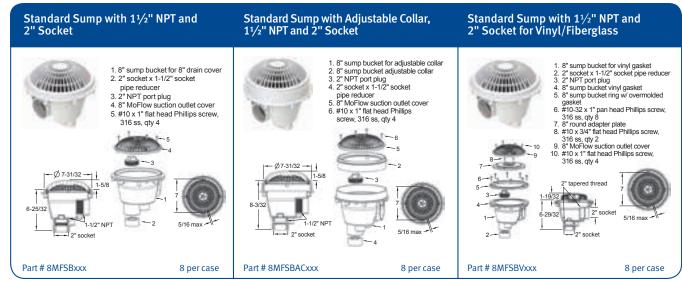


ADDITIONAL PRODUCT CONFIGURATIONS FOR 8MFXXX









8" Round Retrofit MoFlow™ Suction Outlet Cover with Screw and Bushing Kit

Part # R8MFxxx

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use in existing frames and sumps 3" sump depth – min. 2" pipe (see installation instructions)

Single -

Floor: 146 GPM at 2.9 fps Wall: 130 GPM at 2.6 fps

Floor/wall: 75.3 GPM at 1.5 fps Floor/wall: 50.2 GPM at 1.0 fps

16.1 square inch opening

Three sets of different stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits most brands' existing 8" frames and sumps that the 8MFxxx does not fit

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Replace every five years from the date of installation

32 per case

U.S. patent D621009



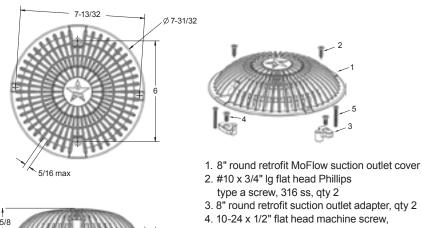
Fits: AguaStar "R" 8" models, Alloy Brass Foundry (ABF), Afras, Splash, Sta-Rite, Swimquip, Caretaker/Polaris, Advanced (APP), Hayward and certain Custom Molded (CMP). At least two mud frame screws must be used to secure cover.

STANDARD COLORS



Replaces RLP8AVxxx

VGB 2008 Compliant



3. 8" round retrofit suction outlet adapter, qty 2

316 ss, qty 2

5. 8-32 x 1-1/4" Ig flat head Phillips screw, 316 ss, qty 2

NOT ALL SCREWS AND HARDWARE USED FOR ALL INSTALLATIONS

8" Round Retrofit Hockey Puck Sumpless Suction Outlet Cover with Screw and Bushing Kit

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use in existing frames and sumps (see installation instructions)

Single – sumpless

Floor/wall: 224 GPM at 6.3 fps

Floor/wall: 74.3 GPM at 1.5 fps Floor/wall: 49.3 GPM at 1.0 fps

10.4 square inch opening

Three sets of different stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits most brands' existing 8" frames and sumps that the 8HPxxx does not fit

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

Replace every five years from the date of installation

32 per case

No sump required!

Ideal for fiberglass and all sumpless configurations.



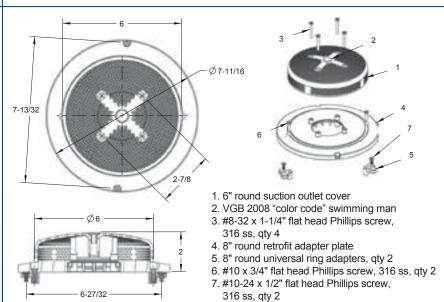
Fits: AquaStar "R" 8" models, Alloy Brass Foundry (ABF), Afras, Splash, Sta-Rite, Swimquip, Caretaker/Polaris, Advanced (APP), Hayward and certain Custom Molded (CMP) – at least two mud frame screws must be used to secure cover

Part # R8HPxxx

STANDARD COLORS



103



10" Round MoFlow™ Suction Outlet Cover and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" sump depth / min. 2" pipe (see installation instructions)

Floor: 158 GPM at 1.6 fps Wall: 162 GPM at 1.7 fps

Floor/wall: 146.3 GPM at 1.5 fps Floor/wall: 97.6 GPM at 1.0 fps

31.3 square inch opening

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Replace every five years from the date of installation

8 per case

U.S. patent D621009

Part # 10MFxxx



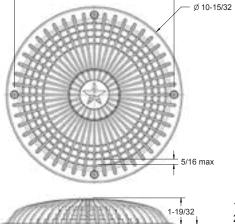
Fits: AquaStar (all standard 10" models), Waterway and Color Match (CMP). At least two mud frame screws must be used to secure cover.

STANDARD COLORS









15/16

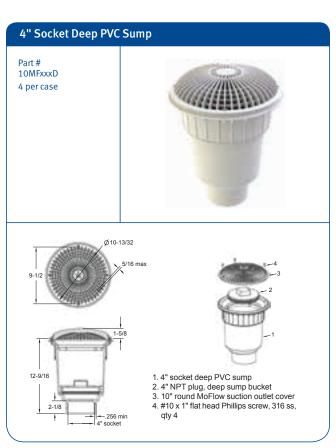
1. 10" round MoFlow suction outlet cover

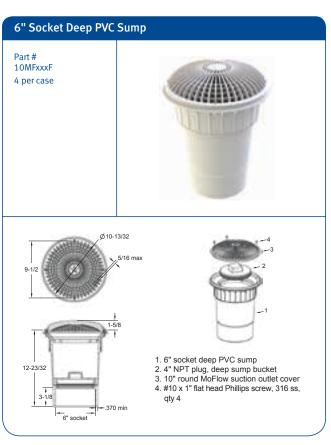
- 2. 10" round mud frame
- 3. #10 x 1" lg flat head Phillips type a screw, 316 ss, qty 4

Replaces p/n 10AVWRxxx

ADDITIONAL PRODUCT CONFIGURATIONS FOR 10MFXXX







10" Round Anti-Entrapment Suction Outlet Cover, Solid Riser Ring and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" minimum sump depth (see installation instructions)

Single

Floor: 166 GPM at 4.8 fps Wall: 96 GPM at 2.8 fps

Floor/wall: 53 GPM at 1.5 fps Floor/wall: 34.9 GPM at 1.0 fps

11.2 square inch opening

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Replace every five years from the date of installation

8 per case



Part # 10AVRxxx

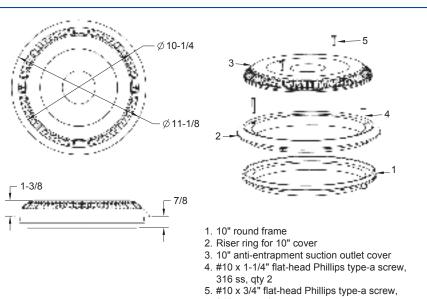
Fits: AquaStar (all standard 10" models), Waterway and Color Match

STANDARD COLORS



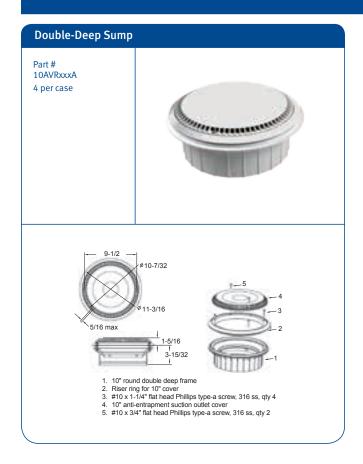
10" Round Solid Riser Ring also sold separately p/n 10AVRRxxx

VGB 2008 Compliant

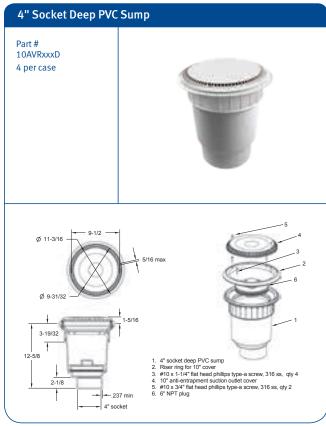


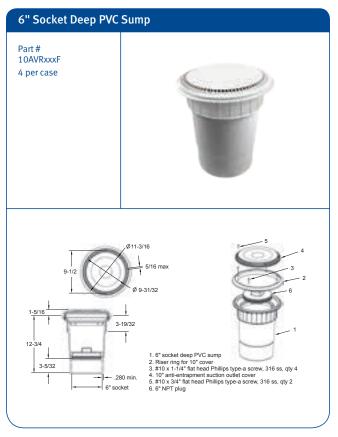
316 ss, qty 2

ADDITIONAL PRODUCT CONFIGURATIONS FOR 10AVRXXX









10" Round Debris Catcher Anti-Entrapment Suction Outlet Cover and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" minimum sump depth (see installation instructions)

Floor only – with Sun Lid: 60 GPM at 0.7 fps

Floor only – without Sun Lid: 125 GPM at 1.4 fps

Floor only: 137.5 GPM at 1.5 fps 91.6 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

29.4 square inch opening

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

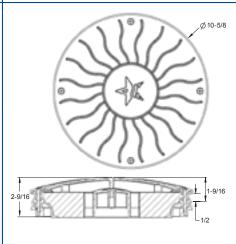
Replace every five years from the date of installation

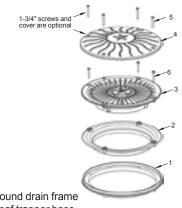
6 per case



Part # 10LTxxx

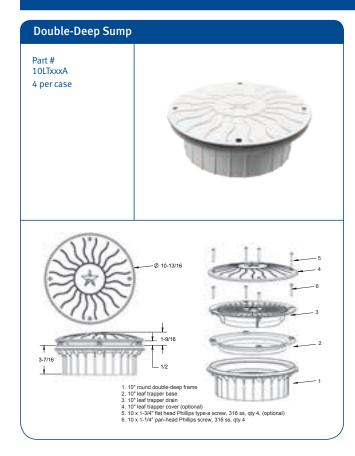
STANDARD COLORS 101 104 105 103

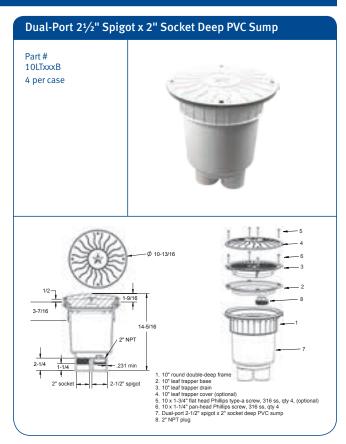


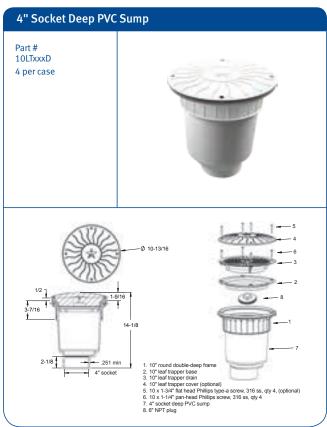


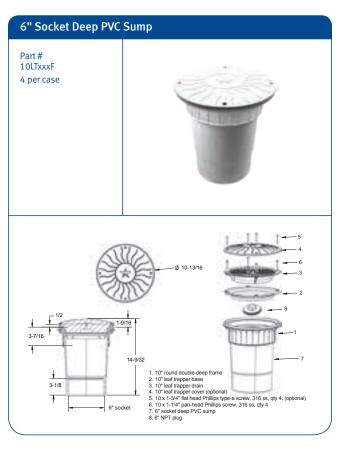
- 1. 10" round drain frame
- 2. 10" leaf trapper base
- 3. 10" leaf trapper drain
- 4. 10" leaf trapper cover
- 5. 10 x 1-3/4" flat head Phillips type-a screw, 316 ss, qty 4
- 6. 10 x 1-1/4" pan-head Phillips screw, 316 ss, qty 4

ADDITIONAL PRODUCT CONFIGURATIONS FOR 10LTXXX









10" Round Star Sumpless Suction Outlet Cover, Universal Adapter Kit and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single - sumpless: Floor/wall: 170 GPM at 1.7 fps

Floor/wall: 147.3 GPM at 1.5 fps Floor/wall: 98.2 GPM at 1.0 fps

31.5 square inch opening

For retrofit or new construction!

Available with mud frame for new construction or with universal adapter frame to retrofit all existing frames/sumps up to 10" round

Trademarked VGB compliance button easily identifies VGB 2008 compliance from pool/

Manufactured from superior UV-resistant engineered polymer

Can be used with Brass Anchor Kit p/n BIK4 for odd-sized or non-structured frames/sump

All components (cover, adapter plate, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

#316 stainless steel screws

Replace every five years from the date of installation

6 per case

U.S. patent D621009

No sump required!

Retrofits over all sumps/frames up to 10" using included plastic concrete anchors





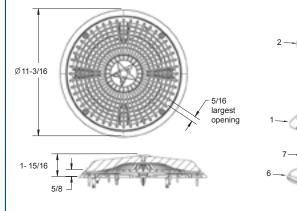
Part # A10RCFRxxx

STANDARD COLORS



Also available as a Contractor's 2-Pack without Retrofit Kit, with Mud Frame p/n A10RCFR2xxx

Vinyl Retrofit Kit p/n 10RCVKxxx



- 1. 10" universal adapter frame
- 2. 10" round suction outlet drain
- 3. 10-32 x 5/8" Ig flat head Phillips, 316 ss, qty 4
- 4. Adjustable slide, long, qty 2
- 5. Adjustable slide, short, qty 2
- 6. 10" super low profile round frame
- 7. 3/8" bushing, qty 6
- 8. 1/4" bushing, qty 2

- 9. 1/4" concrete anchor, qty 3
- 10. 10-32 x 5/16" lg pan head Phillips, 316 ss, qty 2 11. #10 x 1" Ig pan head Phillips, 316 ss, qty 3
- 12. 8-32 x 3/4" lg pan head Phillips, 316 ss, qty 2
- 13. 10-24 x 7/8" Ig pan head Phillips, 316 ss, qty 2
- 14. #8 x 1" Ig pan head Phillips, 316 ss, qty 4
- 15. #10 x 3/4" pan head Phillips, 316 ss, qty 4
- Not all screws and hardware used for all installations

9" Square Retrofit MoFlow™ Suction Outlet Cover with Screw and Bushing Kit

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" sump depth / min. 21/2" pipe (see installation instructions)

Floor: 258 GPM at 2.3 fps Wall: 274 GPM at 2.5 fps

Floor/wall: 167.4 GPM at 1.5 fps Floor/wall: 111.6 GPM at 1.0 fps

35.8 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits to most brands' 1" deep existing frames

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

6 per case

U.S. patent D623728

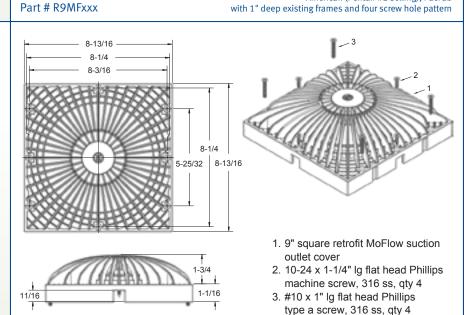


Fits: AquaStar "R" 9" models, Hayward, Waterway, American (Pentair #2 selling), PacFab with 1" deep existing frames and four screw hole pattern

STANDARD COLORS



Replaces RFS9xxx



9" Square MoFlow™ Suction Outlet Cover and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" sump depth / min. 2½" pipe (see installation instructions)

Single

Floor: 258 GPM at 2.3 fps Wall: 274 GPM at 2.4 fps

Floor/wall: 172 GPM at 1.5 fps Floor/wall: 114.7 GPM at 1.0 fps

36.8 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

Easily and safely retrofits to 9" square 3/4" deep frames

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components (cover, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

8 per case

U.S. patent D623728

NEW



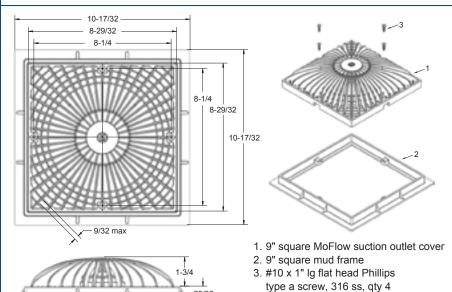
Part # 9MFxxx

Fits: AquaStar (all standard 9" square), Pentair (#1 selling) with $^3/_4$ " deep existing frames and four screw hole pattern

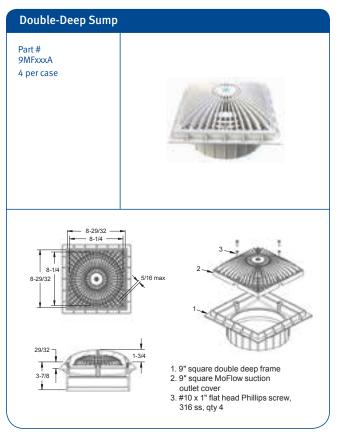
STANDARD COLORS

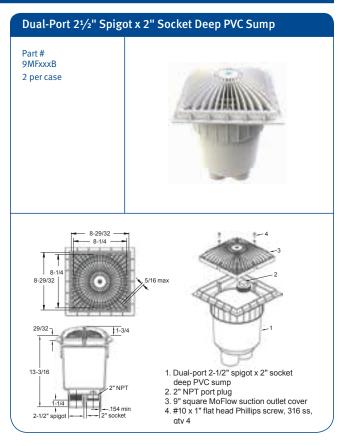


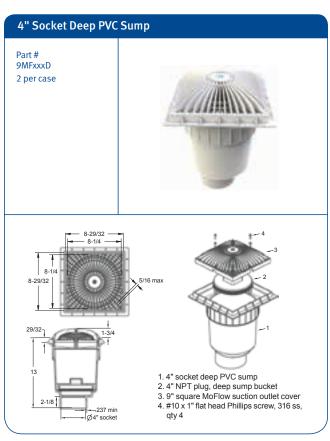
Replaces p/n P9xxx

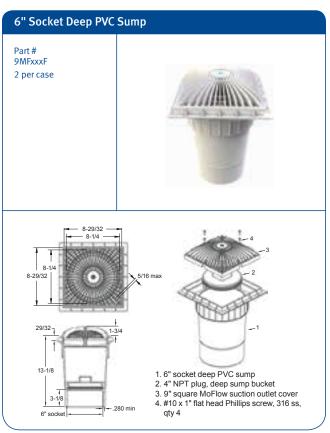


ADDITIONAL PRODUCT CONFIGURATIONS FOR 9MFXXX









9" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" minimum sump depth (see installation instructions)

Single

Floor/wall: 224 GPM at 1.5 fps Floor/wall: 150.9 GPM at 1.0 fps

48.4 square inch opening

Easily and safely retrofits most brands' existing 9" square 3/4" deep frames*

Additional sump versions also available

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

8 per case

U.S. patents D623727 and D663388



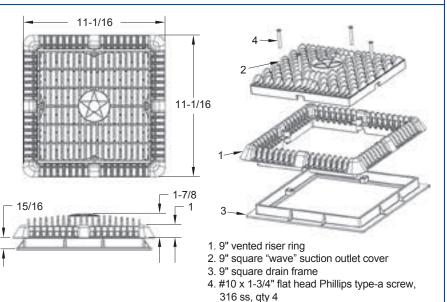
Part # WAV9WRxxx

*Fits: AquaStar (all standard 9" square), Pentair (#1 selling) with ³/₄" deep existing frames and four screw hole pattern

STANDARD COLORS

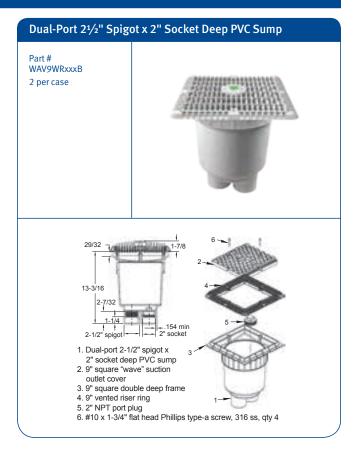


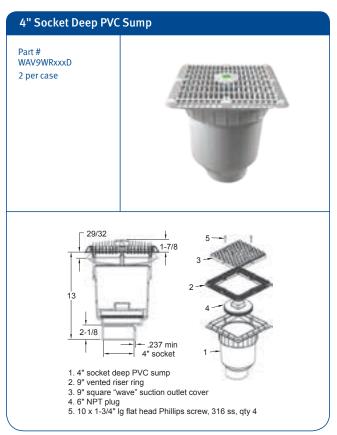
9" Square Vented Riser Ring also sold separately p/n 9RRxxx

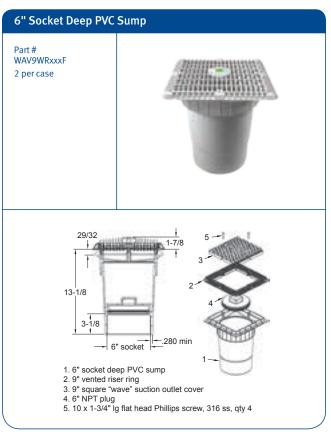


ADDITIONAL PRODUCT CONFIGURATIONS FOR WAV9WRXXX

Part # WAV9WRxxxA 4 per case 1. 9" square double deep frame 2. 9" vented riser ring 3. 9" square vave" suction outlet cover 4. #10 x 1-3/4" flat head Phillips type-a screw, 316 ss, qty 4







14" Square Anti-Entrapment Suction Outlet Cover for 9" Square Retrofits or New Construction

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" minimum sump depth (see installation instructions)

Floor: 560 GPM at 2.1 fps

Wall: 300 GPM at 1.2 fps Floor/wall: 394 GPM at 1.5 fps Floor/wall: 261.8 GPM at 1.0 fps

84 square inch opening

Retrofit adapter frame easily and safely retrofits most brands' existing 9" mud frame with epoxy or screws or both; cover anchors into in-molded brass inserts in frame with four fine thread machine screws

Ideal for retrofitting over all existing sumps/ frames up to 13" by anchoring directly into pool finish (plaster, tile, fiberglass, etc.) using four brass anchors and stainless screws in kit #BIK4

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

Manufactured from superior UV-resistant engineered polymers

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

6 per case

NEW CONFIGURATION

Retrofits over all existing sumps/frames up to 13"









Mud frame

Retrofit adapter frame for 3/4" deep 9" square retrofits

Retrofit adapter frame for 1" deep 9" square retrofits

Optional - extra screw holes for anchoring directly into pool finish using four brass anchor kit part # BIK4





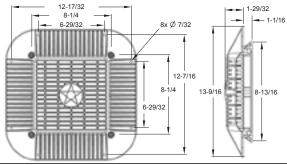
Part # 914xxx

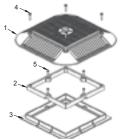
STANDARD COLORS



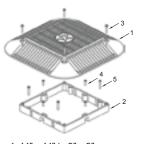
Replaces RWAV9xxx and RFS9xxx

VGB 2008 Compliant





- 1. 14" x 14" to 9" x 9" square anti-entrapment cover
- 2. 14" x 14" to 9" x 9" square adapter
- 3. 9" flat square drain frame
- 4. 10-32 x 1" pan head Phillips screw, ss, qty 4
- 5. #10 x 3/4" Ig flat head Phillips screw, qty 4

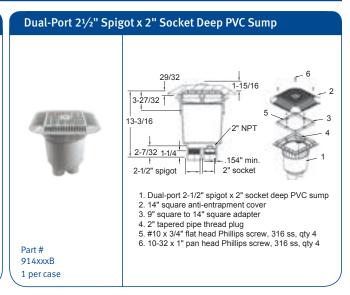


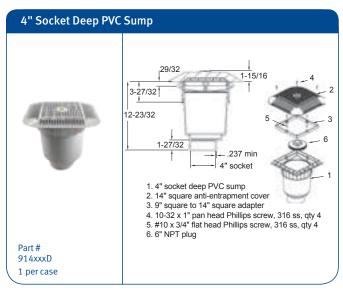
- 1. 14" x 14" to 9" x 9" square anti-entrapment cover 2. 14" x 14" to 9" x 9" square
- retro adapter frame
- 3. 10-32 x 1" pan head Phillips screw, ss, qty 4
- 4. #10 x 3/4" Ig flat head Phillips screw, qty 4 5. 10-24 x 1-1/4" flat head Phillips
- screw, ss, qty 4

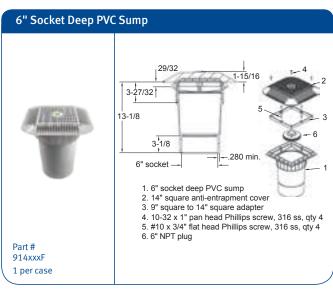
Also includes (not shown): 10x1" flat head Phillips screw, ss, qty 4 10x1-1/2" flat head Philips screw,

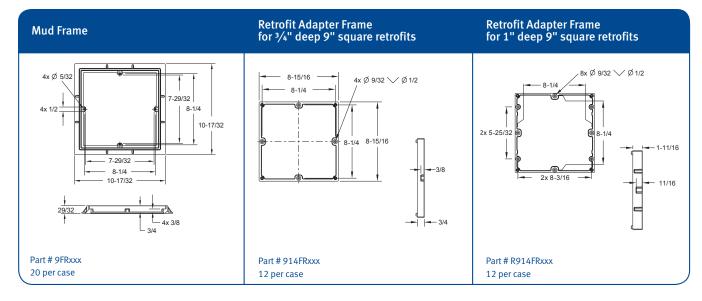
ss, qty 4

ADDITIONAL PRODUCT CONFIGURATIONS FOR 914XXX









12" Square MoFlow™ Suction Outlet Cover and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" sump depth / min. 2½" pipe (see installation instructions)

Single

Floor: 274 GPM at 1.2 fps Wall: 278 GPM at 1.3 fps

Floor/wall: 332.9 GPM at 1.5 fps Floor/wall: 221.9 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

71.2 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

Easily and safely retrofits to 12" square 3/4" deep frames

Additional sump versions also available

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components (cover, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

6 per case

U.S. patent D623728

NEW





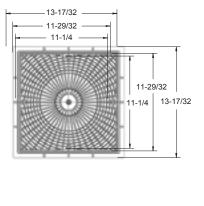
Part # 12MFxxx

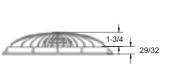
Fits: AquaStar (all standard 12" square), Pentair (#1 selling) with ¾" deep existing frames and four screw hole pattern

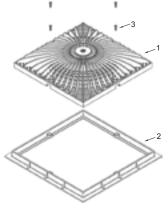
STANDARD COLORS



Replaces p/n P12xxx

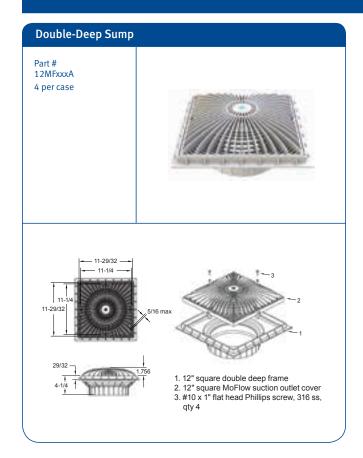


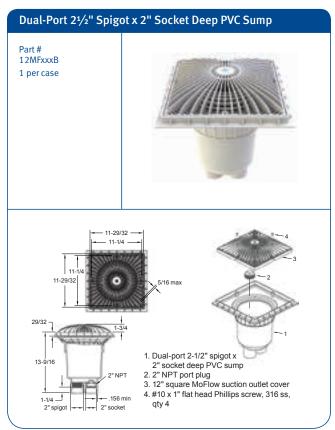


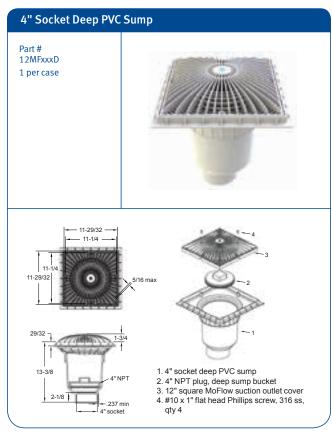


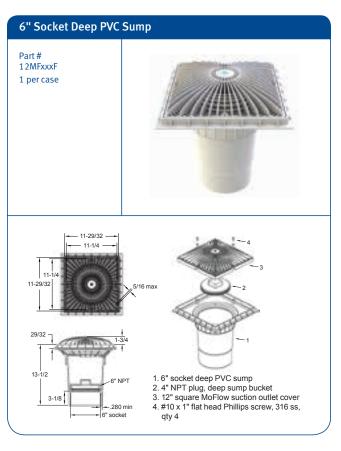
- 1. 12" square MoFlow suction outlet cover
- 2. 12" square mud frame
- 3. #10 x 1" lg flat head Phillips type a screw, 316 ss, qty 4

ADDITIONAL PRODUCT CONFIGURATIONS FOR 12MFXXX









12" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 3" minimum sump depth (see installation instructions)

Floor/wall: 361 GPM at 1.3 fps Floor/wall: 424.5 GPM at 1.5 fps Floor/wall: 283 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

90.8 square inch opening

Easily and safely retrofits most brands' existing 12" square 3/4" deep frames*

Additional sump versions also available

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

8 per case

U.S. patents D623727 and D663388



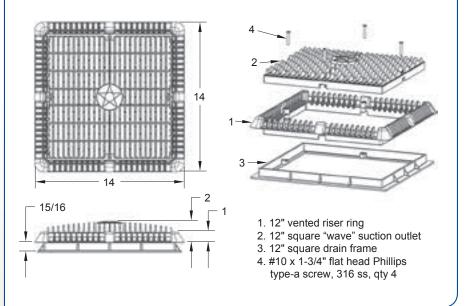
Part # WAV12WRxxx

*Fits: AquaStar (all standard 12" square), Pentair (#1 selling) with 3/4" deep existing frames and four screw hole pattern

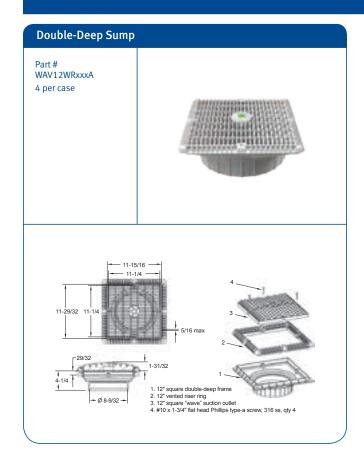
STANDARD COLORS

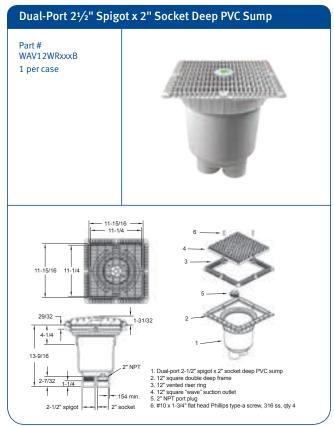


12" Square Vented Riser Ring also sold separately p/n 12RRxxx

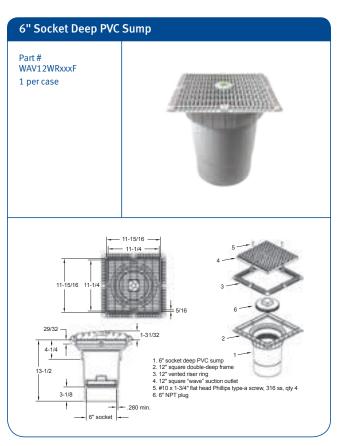


ADDITIONAL PRODUCT CONFIGURATIONS FOR WAV12WRXXX









12" Square Retrofit MoFlow™ Suction Outlet Cover

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single – 3" sump depth / min. 2½" pipe Floor: 274 GPM at 1.3 fps Wall: 278 GPM at 1.3 fps

Floor/wall: 323.1 GPM at 1.5 fps Floor/wall: 215.4 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

69.1 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits to most brands' 1" deep existing frames

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

10 per case

U.S. patent D623728



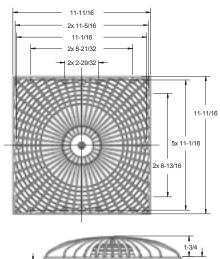
Part # R12MFxxx

Fits: AquaStar "R" 12" models, Hayward, Waterway, American (Pentair #2 selling), PacFab with 1" deep existing frames and four screw hole pattern

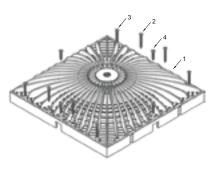
STANDARD COLORS



Replaces RFS12xxx







- 1. 12" square retrofit MoFlow suction outlet cover
- 2. 10 x 1-1/2" lg flat head Phillips type a screw, 316 ss, qty 4
- 3. 10-24 x 1-1/4" lg flat head Phillips machine screw, 316 ss, qty 4
- 4. #10 x 1" Ig flat head Phillips type a screw, 316 ss, qty 4

18" Square Mud Frame with Four 9" Square MoFlow™ Suction Outlet Covers

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 6" sump depth / min. 3" pipe (see installation instructions)

Single -

Floor only: 293 GPM at .6 fps

Floor only: 687.7 GPM at 1.5 fps Floor only: 458.5 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

147.1 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

See installation instructions for details and special requirements

All components (covers, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

4 per case

U.S. patent D623728



Grates fit: AquaStar (standard 18" square frames), Pentair (#1 selling) with 3/4" deep existing window grid frame and 4x4 screw hole pattern

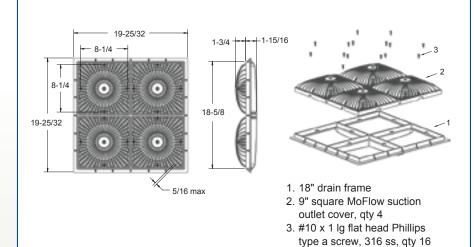
Part # 18MFxxx

STANDARD COLORS



Also available with four grates only for 3/4" deep retrofits p/n 18MFNFxxx

Also available with four grates only for 1" deep retrofits p/n R18MFNFxxx



16" Square Anti-Entrapment Suction Outlet Cover for 12" Square Retrofits or New Construction

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single – 3" sump depth Floor: 460 GPM at 1.46 fps Wall: 445 GPM at 1.4 fps

Floor/wall: 472.2 GPM at 1.5 fps Floor/wall: 314.8 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

101 square inch opening

Easily and safely retrofits most brands' existing 12" frame with epoxy or screws or both; cover anchors into in-molded brass inserts in frame with four fine thread machine screws

Ideal for retrofitting over all existing sumps/ frames up to 15" by anchoring directly into pool finish (plaster, tile, fiberglass, etc.) using four brass anchors and stainless screws in kit #BIK4

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from date of installation

4 per case

NEW CONFIGURATION

Retrofits over all existing sumps/frames up to 15"









Mud frame

Retrofit adapter frame for 3/4" deep 12" square retrofits

Retrofit adapter frame for 1" deep 12" square retrofits

Optional – extra screw holes for anchoring directly into pool finish using four brass anchor kit part # BIK4



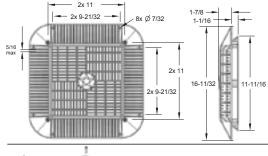


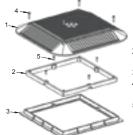
Part # 1216xxx

STANDARD COLORS

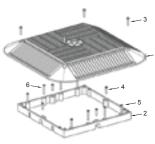


Replaces RWAV12xxx and RFS12xxx





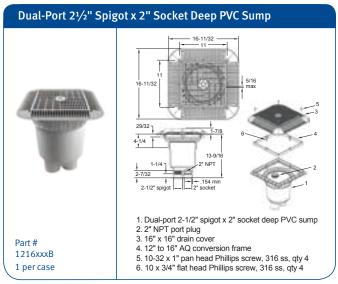
- I. 16" x 16" anti-entrapment suction outlet cover
- 2. 12" to 16" square conversion frame
- 3. 12" x 12" square drain frame 4. 10-32 x 1" pan head Phillips machine screw, 316 ss, qty 4
- 5. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 4



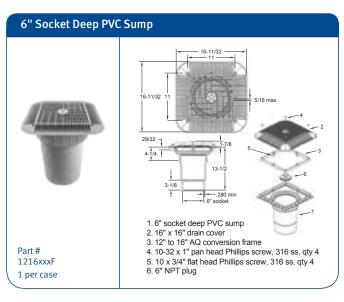
- 1. 16" x 16" anti-entrapment suction outlet cover
- 2. 12" to 16" universal frame converter
- 3. 10-32 x 1" pan head Phillips machine screw, 316 ss, qty 4
- 4. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 4
- 5. 10-24 x 1-1/4" flat head Phillips screw, 316 ss, qty 4
- 6. #10 x 1-1/2" flat head Phillips type-a screw, 316 ss, qty 4

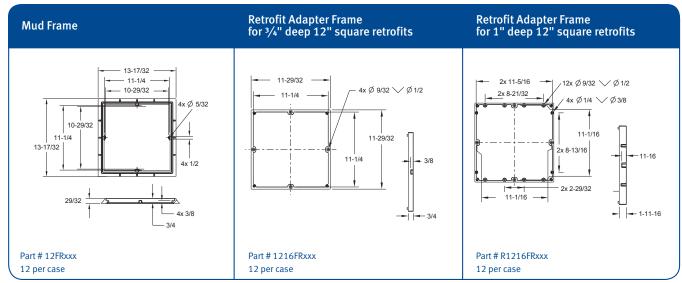
ADDITIONAL PRODUCT CONFIGURATIONS FOR 1216XXX

Part # 1216xxxA 2 per case Double-Deep Sump 1. 12" square double-deep frame 2. 12" to 16" AQ conversion frame 3. 16" x 16" drain cover 4. 10-32 x 1" pan head Phillips screw, 316 ss, qty 4 5. 10 x 3/4" flat head Phillips screw, 316 ss, qty 4



4" Socket Deep PVC Sump 16-11/32 11 29/32 1-1-7/8 5 13-3/8





18" Square Mud Frame with Four 9" Square Star Suction Outlet Covers and Vented Riser Rings

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Single – 6" sump depth Floor/wall: 740 GPM at 1.5 fps Floor/wall: 501.2 GPM at 1.0 fps

160.8 square inch opening

#316 stainless steel screws

Trademarked VGB compliance button easily identifies VGB 2008 compliance from pool/spa deck

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits to 18" square 3/4" deep frames

All components (cover, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

4 per case

U.S. patents D623728 and D663388

VGB 2008

Part # P18xxx

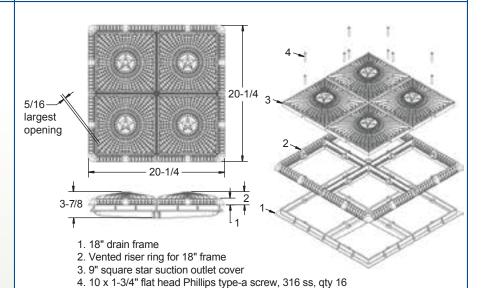
Grates fit: AquaStar (standard 18" square frames); Pentair (#1 selling) with $^3/^4$ " deep existing window grid frame and 4x4 screw hole pattern

STANDARD COLORS



18" Square Vented Riser Ring also sold separately p/n 18RRxxx

Also available with four grates only for ³/₄" deep retrofits p/n P18NFxxx



18" Square Frame with Four 9" Square Wave Anti-Entrapment Suction Outlet Covers and Vented Riser Rings

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 6" minimum sump depth (see installation instructions)

Single -

Floor/wall: 628 GPM at 1.1 fps Floor/wall: 826.6 GPM at 1.5 fps Floor/wall: 551.1 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

176.8 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits to 18" square 3/4" deep frames

All components (covers, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

4 per case

U.S. patents D623727 and D663388



Part # WAV18WRxxx

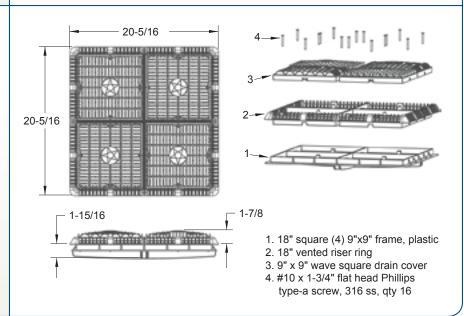
Grates fit: AquaStar (standard 18" square frames); Pentair (#1 selling) with $^3/^4$ " deep existing window grid frame and 4x4 screw hole pattern

STANDARD COLORS



18" Square Vented Riser Ring also sold separately p/n 18RRxxx

Also available with four grates only for 3/4" deep retrofits p/n WAV18WRNFxxx



18" Square Mud Frame with Four 9" Square SUN/8HPH Suction Outlet Covers

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Single – 6" sump depth Floor: 1000 GPM at 3.1 fps Wall: 644 GPM at 2.0 fps

Floor/wall: 490 GPM at 1.5 fps Floor/wall: 325.4 GPM at 1.0 fps

104.4 square inch opening

#316 stainless steel screws

Trademarked VGB compliance button easily identifies VGB 2008 compliance from pool/spa deck

Manufactured from superior UV-resistant engineered polymers

Easily and safely retrofits most brands' existing frames

All components (cover, adapter plate, frame, screws) meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Mud frame included for new construction

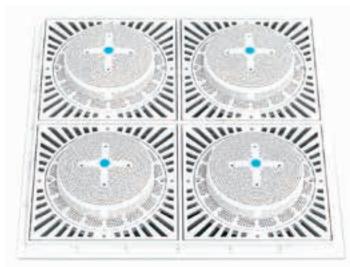
Replace every five years from the date of installation

4 per case

SUN Series

Highest flow rate – great for commercial installations





Part # SUN18HPHxxx

Grates fit: AquaStar (standard 18" square frames); Pentair (#1 selling) with $^3/^4$ " deep existing window grid frame and 4x4 screw hole pattern

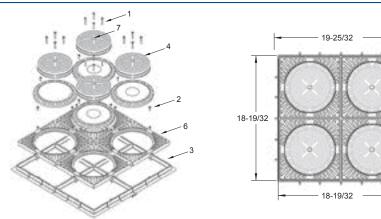
STANDARD COLORS



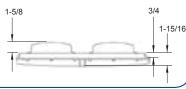
Also available with four grates only for 1" deep retrofits p/n RSUN18HPHRxxx

Also available with four grates only for 3/4" deep retrofits p/n RSUN18HPHxxx

VGB 2008 Compliant



- 1. #8-32 x 1-1/4" flat head Phillips screw, 316 ss, qty 16
- 2.#10 x 3/4" flat head Phillips screw, 316 ss, qty 24
- 3.18" square frame
- 4.6" round suction outlet cover, gty 4
- 5.8" round adapter plate with holes, qty 4
- 6.9" shallow square "sun" to 8" round adapter, qty 4
- 7. VGB 2008 "color code" swimming man, qty 4



19-25/32

20" Full Circle® Suction Outlet Cover and One-Port Manufactured Sump

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single – floor only Min. 2" pipe inside/ 2½" pipe outside: 158 GPM at 1.2 fps

Floor only: 196.4 GPM at 1.5 fps 130.9 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested flow rate

42 square inch opening

#316 stainless steel screws

Disposable plaster shield included to prevent debris from entering sump and to retain shape during pool finish

Waterstop around edges prevent water leaks

Unique circle design is filled with plaster/pebble to blend into pool finish

Manufactured from superior UV-resistant PVC

One port:

Bottom 2½" spigot x 2" socket x 2" NPT

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

1 per case

U.S. patent pending

NEW Unblockable!

No second drain or SVRS required – two drains in one





Cross-section of completed Full Circle® drain



Full Circle® drain

Top view of completed

Part # FCxxx

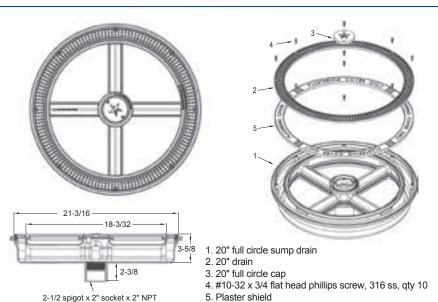
STANDARD COLORS

101 103

Drain Cover also sold separately p/n FC09xxx

Center Logo Cap also sold separately p/n FC08xxx

Full Circle Drain Cover, Center Cap and Screws p/n FC20xxx



24" Square Frame with Four 12" Square Wave Anti-Entrapment Suction Outlet Covers

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single – 12" sump depth Floor/wall: 1444 GPM at 1.3 fps Floor/wall: 1593.4 GPM at 1.5 fps Floor/wall: 1062.2 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested

flow rate

340.8 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

See installation instructions for details and special requirements

All components (covers, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

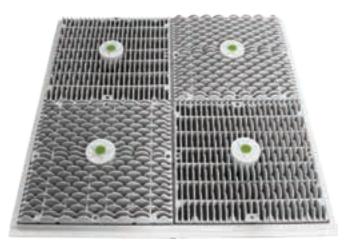
Replace every five years from the date of installation

1 per case

U.S. patent D623727

Single, unblockable! No second suction outlet or backup SVRS required





Part # WAV24xxx

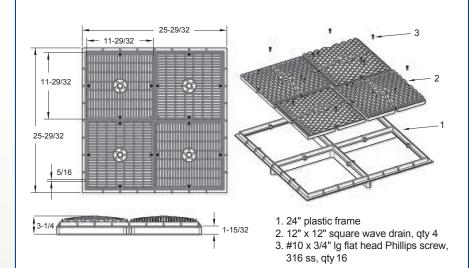
Grates fit: AquaStar (standard 24" square frames); Pentair (#1 selling) with $^3/^4$ " deep existing window grid frame and 4x4 screw hole pattern

STANDARD COLORS



Replaces p/n P24xxx

Also available with four grates for 3/4" deep retrofits p/n WAV24NFxxx



24" Square Frame with Four 12" Square Flat Grate Anti-Entrapment Suction Outlet Covers

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use 12" minimum sump depth (see installation instructions)

Single

Floor/wall: 1531 GPM at 1.4 fps Floor/wall: 1645.7 GPM at 1.5 fps Floor/wall: 1097.1 GPM at 1.0 fps

When 1.0 or 1.5 fps installations are not required, always use the lower tested

flow rate

352 square inch opening

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

See installation instructions for details and special requirements

Installs flat – level with finish

All components (covers, frame, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

1 per case

Single, unblockable! No second suction outlet or backup SVRS required





Part # 24xxx

Grates fit: AquaStar (standard 24" square frames); Pentair (#1 selling) with $^3/^4$ " deep existing window grid frame and 4x4 screw hole pattern

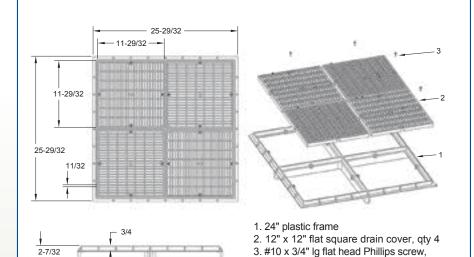
316 ss, qty 16

STANDARD COLORS



Replaces p/n P24xxx

Also available with four grates for 3/4" deep retrofits p/n 24NFxxx



32" Pinhole Anti-Entrapment Suction Outlet Cover and Manufactured Sump

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Retrofits over any existing sump up to 10" round

No need for a secondary drain or SVRS, unblockable drain and sump assembly

Single -

Floor: 196 GPM at 2.3 fps Wall: 88 GPM at 1.0 fps

Floor/wall: 131 GPM at 1.5 fps Floor/wall: 88 GPM at 1.0 fps

27.9 square inch opening

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Individually boxed

Replace every five years from the date of installation

6 per case

U.S. patent D663387

The Unblockable! Propeller Drain® No additional sump required







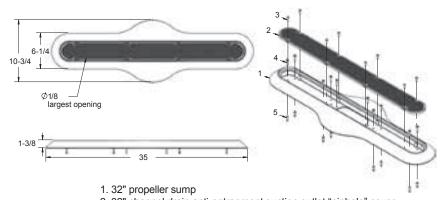
Part # 32PDxxx

Two drains in one!

Note: Propeller Sump must be permanently affixed to pool floor using epoxy and provided anchors to be considered unblockable

STANDARD COLORS





- 2. 32" channel drain anti-entrapment suction outlet "pinhole" cover
- 3. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 8
- 4. #10 x 1" pan head Phillips screw, 316 ss, qty 10 (2 optional)
- 5.1/4" concrete anchor, qty 8

32" Channel Drain Three-Port Manufactured PVC Sump

VGB Series The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a) **Features** NEW All AquaStar 32" channel drains are now available with PVC three-port manufactured sumps Integrated patent-pending Waterstop around edge of entire sump reduces leaks Super strong PVC material sump does not require transitional glue 4/case New waterstop feature Water stop Pool finish U.S. patent pending Part # 32CDPxxx STANDARD COLORS 101 104 102 105 103 32-29/32 (VIII) 5-1/2 VGB 2008 Compliant

32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover and Three-Port PVC Manufactured Sump

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Single - 3" sump depth

Floor: 268 GPM at 3.1 fps Wall: 172 GPM at 2.0 fps

Floor/wall: 131 at 1.5 fps Floor/wall: 87 GPM at 1.0 fps

27.9 square inch opening#316 stainless steel screws

PVC sump (standard)

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Orange disposable plastic pre-gunite/ plaster insert keeps debris out and retains sump shape during construction

Does not require use of transition glue

Replace every five years from the date of installation

4 per case

The Unblockable!





With sump (concrete pools)
Part # 32CDPHxxx

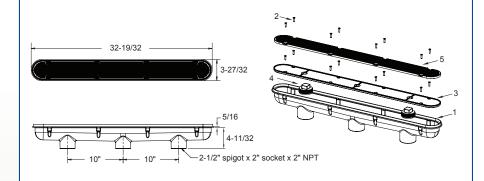
Two drains in one!

STANDARD COLORS



Also available as sump only 32CDPxxx 4 per case

Also available cover only without sump/frame p/n 32CDPHNFxxx 40 per case



- 1. 32" three-port manufactured sump
- 2. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 16
- 3. 32" channel drain, plaster shield
- 4. 2" NPT plug, qty 2
- 5. 32" channel drain anti-entrapment suction outlet "pinhole" cover

32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover with Mud Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Requires a minimum 3" sump depth the entire length of cover

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single - 3" sump depth

Floor: 268 GPM at 3.1 fps Wall: 172 GPM at 2.0 fps

Floor/wall: 131 at 1.5 fps Floor/wall: 87 GPM at 1.0 fps

27.9 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Includes disposable "dog bone" supports to retain shape during all phases of construction

Replace every five years from the date of installation

12 per case

The Unblockable!



For field-fabricated sump (concrete pools)

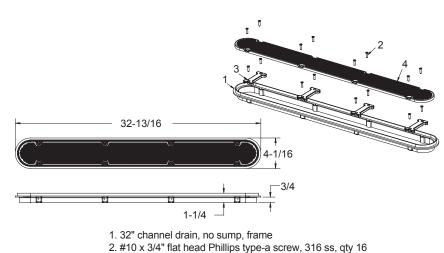
Part # 32CDPHFRxxx

Two drains in one!

STANDARD COLORS



Also available cover only without sump/frame p/n 32CDPHNFxxx 40 per case



- 3. 32" channel drain, frame support "dog bones", qty 4
- 4. 32" channel drain anti-entrapment suction outlet "pinhole" cover

32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover and ABS Three-Port Manufactured Sump for Vinyl

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single - 3" sump depth

Floor: 268 GPM at 3.1 fps Wall: 172 GPM at 2.0 fps Floor/wall: 131 at 1.5 fps Floor/wall: 87 GPM at 1.0 fps 27.9 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom $2^1\!/2^{"}$ OD, $2^{"}$ ID S/S; inside $2^{"}$ threaded FPT; two $2^{"}$ threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable!





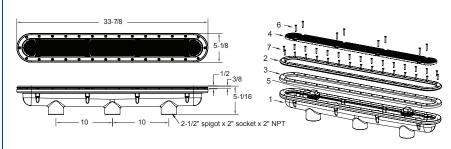
Part # 32CDPHVxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured vinyl sump bucket
- 2. 32" channel drain vinyl clamping ring with gasket
- 3. 32" channel drain vinyl clamping gasket
- 4. 32" channel drain anti-entrapment suction outlet "pinhole" cover
- 5. 2" NPT plug, qty 2
- 6. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 8
- 7. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30

32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover, ABS Three-Port Manufactured Sump for Fiberglass

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single - 3" sump depth

Floor: 268 GPM at 3.1 fps Wall: 172 GPM at 2.0 fps Floor/wall: 131 at 1.5 fps Floor/wall: 87 GPM at 1.0 fps 27.9 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom $2^1\!/2^{"}$ OD, $2^{"}$ ID S/S; inside $2^{"}$ threaded FPT; two $2^{"}$ threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable!





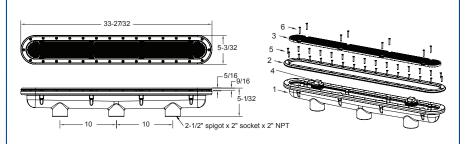
Part # 32CDPHFGxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured fiberglass sump bucket
- 2. 32" channel drain fiberglass clamping ring
- 3. 32" channel drain anti-entrapment suction outlet "pinhole" cover
- 4. 2" NPT plug, qty 2
- 5. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30
- 6. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 8

32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and PVC Three-Port Manufactured Sump

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 316 GPM at 3.9 fps Wall: 208 GPM at 2.6 fps

Floor/wall: 122 GPM at 1.5 fps Floor/wall: 80.7 GPM at 1.0 fps

25.9 square inch opening

#316 stainless steel screws

PVC sump (standard)

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom $2\frac{1}{2}$ " OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Orange disposable plastic pre-gunite/ plaster insert keeps debris out and retains sump shape during construction

Does not require use of transition glue Replace every five years from the date

of installation 4 per case

The Unblockable!



With sump (concrete pools)
Part # 32CDFLxxx

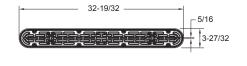
Two drains in one!

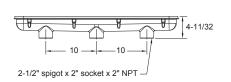
STANDARD COLORS

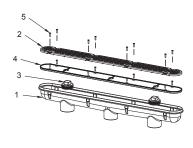


Also available as sump only p/n 32CDPxxx 4 per case

Also available cover only without sump/frame p/n 32CDFLNFxxx 40 per case







- 1. 32" three-port manufactured sump bucket
- 2. 32" channel drain, cover, flat
- 3. 2" NPT plug, qty 2
- 4. 32" channel drain, plaster shield
- 5. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 16

32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Requires a minimum 3" sump depth the entire length of cover

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single – 3" sump depth Floor: 316 GPM at 3.9 fps Wall: 208 GPM at 2.6 fps

Floor/wall: 122 GPM at 1.5 fps Floor/wall: 80.7 GPM at 1.0 fps

25.9 square inch opening

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Includes disposable "dog bone" supports to retain shape during all phases of construction

Replace every five years from the date of installation

12 per case

The Unblockable!





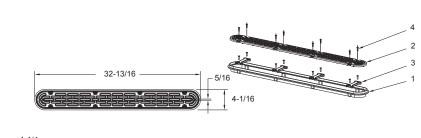
For field-fabricated sump (concrete pools)
Part # 32CDFLFRxxx

Two drains in one!

STANDARD COLORS



Also available cover only without sump/frame p/n 32CDFLNFxxx 40 per case





- 1. 32" channel drain, no sump, frame
- 2. 32" channel drain, cover, flat
- 3. 32" channel drain, frame support "dog bones", qty 4 $\,$
- 4. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 16

32" Channel Drain Flat Grate Suction Outlet Cover and ABS Three-Port Manufactured Sump for Vinyl

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 316 GPM at 3.9 fps Wall: 208 GPM at 2.6 fps

Floor/wall: 122 GPM at 1.5 fps Floor/wall: 80.7 GPM at 1.0 fps

25.9 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable!





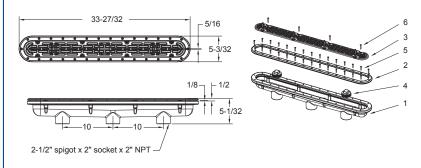
Part # 32CDFLVxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured vinyl sump bucket with gasket
- 2. 32" channel drain vinyl clamping ring with gasket
- 3. 32" channel drain, cover, flat
- 4. 2" NPT plug, qty 2
- 5. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30
- 6. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 8

32" Channel Drain Flat Grate Suction Outlet Cover and ABS Three-Port Manufactured Sump for Fiberglass

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 316 GPM at 3.9 fps Wall: 208 GPM at 2.6 fps

Floor/wall: 122 GPM at 1.5 fps Floor/wall: 80.7 GPM at 1.0 fps

25.9 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable!





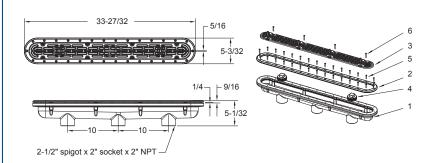
Part # 32CDFLFGxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured fiberglass sump bucket
- 2. 32" channel drain fiberglass clamping ring
- 3. 32" channel drain, cover, flat
- 4. 2" NPT plug, qty 2
- 5. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30
- 6. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 8

32" Channel Drain Anti-Entrapment Suction Outlet Cover and PVC Three-Port Manufactured Sump

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 236 GPM at 3.4 fps Wall: 136 GPM at 1.9 fps

Floor/wall: 106 GPM at 1.5 fps Floor/wall: 70.4 GPM at 1.0 fps

22.6 square inch opening

#316 stainless steel screws

PVC sump (standard)

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom $2\frac{1}{2}$ " OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Orange disposable plastic pre-gunite/ plaster insert keeps debris out and retains sump shape during construction

Does not require use of transition glue

Replace every five years from the date of installation

4 per case

The Unblockable!





With sump (concrete pools)
Part # 32CDAVxxx

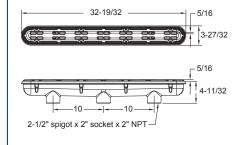
Two drains in one!

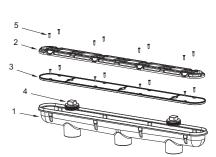
STANDARD COLORS



Also available as sump only p/n 32CDPxxx 4 per case

Also available cover only without sump/frame p/n 32CDAVNFxxx 40 per case





- 1. 32" three-port manufactured sump bucket
- 2. 32" anti-entrapment suction outlet cover
- 3. 32" channel drain, plaster shield
- 4. 2" NPT plug, qty 2
- 5. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 16

32" Channel Drain Anti-Entrapment Suction Outlet Cover and Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Requires a minimum 3" sump depth the entire length of cover

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single – 3" sump depth Floor: 236 GPM at 3.4 fps Wall: 136 GPM at 1.9 fps

Floor/wall: 106 GPM at 1.5 fps Floor/wall: 70.4 GPM at 1.0 fps

22.6 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Includes disposable "dog bone" supports to retain shape during all phases of construction

Replace every five years from the date of installation

12 per case

The Unblockable!





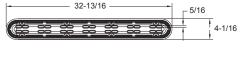
For field-fabricated sump (concrete pools)
Part # 32CDAVFRxxx

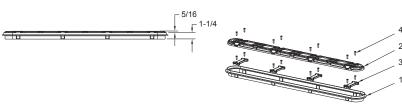
Two drains in one!

STANDARD COLORS



Also available cover only without sump/frame p/n 32CDAVNFxxx 40 per case





- 1. 32" channel drain, no sump, frame
- 2. 32" anti-entrapment suction outlet cover
- 3. 32" channel drain, frame support "dog bones", qty 4
- 4. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 16

32" Channel Drain Anti-Entrapment Suction Outlet Cover and ABS Three-Port Manufactured Sump for Vinyl

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 236 GPM at 3.4 fps Wall: 136 GPM at 1.9 fps

Floor/wall: 106 GPM at 1.5 fps Floor/wall: 70.4 GPM at 1.0 fps

22.6 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable!





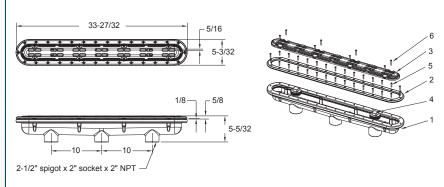
Part # 32CDAVVxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured vinyl sump bucket with gasket
- 2. 32" channel drain vinyl clamping ring with gasket
- 3. 32" anti-entrapment suction outlet cover
- 4. 2" NPT plug, qty 2
- 5. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30
- 6. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 8 $\,$

32" Channel Drain Anti-Entrapment Suction Outlet Cover and ABS Three-Port Manufactured Sump for Fiberglass

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 236 GPM at 3.4 fps Wall: 136 GPM at 1.9 fps

Floor/wall: 106 GPM at 1.5 fps Floor/wall: 70.4 GPM at 1.0 fps

22.6 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable!





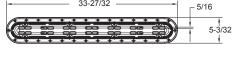
Part # 32CDAVFGxxx

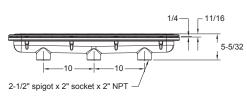
Two drains in one!

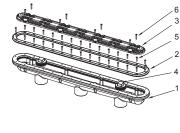
STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case







- 1. 32" three-port manufactured fiberglass sump bucket
- 2. 32" channel drain fiberglass clamping ring
- 3. 32" anti-entrapment suction outlet cover
- 4. 2" NPT plug, qty 2
- 5. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30
- 6. #10 x 1-1/4" flat head Phillips type-a screw, 316 ss, qty 8

32" Channel Drain Debris Catcher Suction Outlet with PVC Three-Port Manufactured Sump

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Uniquely engineered concave/convex design allows for superior debris catching while exceeding UL articulate probe finger and knuckle ASME A112 2008 tests

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 196 GPM at 1.3 fps Wall: 192 GPM at 1.2 fps

Floor/wall: 236 GPM at 1.5 fps Floor/wall: 156.2 GPM at 1.0 fps

50.1 square inch opening#316 stainless steel screws

PVC sump (standard)

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom $2\frac{1}{2}$ " OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

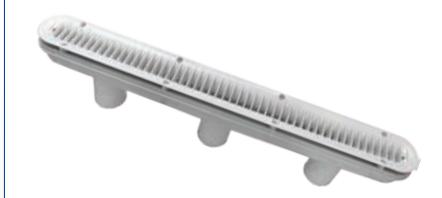
Orange disposable plastic pre-gunite/ plaster insert keeps debris out and retains sump shape during construction

Does not require use of transition glue Replace every five years from the date of installation

4 per case

The Unblockable! Debris catcher





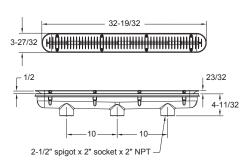
With sump (concrete pools)
Part # 32CDLTxxx

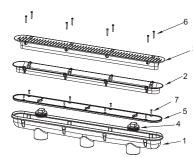
Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDPxxx 4 per case





- 1. 32" three-port manufactured sump bucket
- 2. 32" leaf trap insert
- 3. 32" leaf trap cover
- 4. 2" NPT plug, qty 2
- 5. 32" channel drain, plaster shield
- 6. #10 x 1-1/4" pan head Phillips screw, 316 ss, qty 8
- 7. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 8

32" Channel Drain Debris Catcher Suction Outlet with Frame

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Requires a minimum 3" sump depth the entire length of the cover

Uniquely engineered concave/convex design allows for superior debris catching while exceeding UL articulate probe finger and knuckle ASME A112 2008 tests

For single or multiple drain use (see installation instructions)

Single – 3" sump depth Floor: 196 GPM at 1.3 fps Wall: 192 GPM at 1.2 fps

Floor/wall: 236 GPM at 1.5 fps Floor/wall: 156.2 GPM at 1.0 fps

50.1 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed ANSI/ APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Includes disposable "dog bone" supports to retain shape during all phases of construction

Replace every five years from the date of installation

4 per case

The Unblockable! Debris catcher



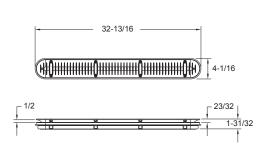


For field-fabricated sump (concrete pools)
Part # 32CDLTFRxxx

Two drains in one!

STANDARD COLORS







- 1. 32" channel drain, no sump, frame
- 2. 32" leaf trap insert
- 3. 32" leaf trap cover
- 4. 32" channel drain, frame support "dog bones", qty 4
- 5. #10 x 3/4" flat head Phillips type-a screw, 316 ss, qty 8
- 6. #10 x 1-1/4" pan head Phillips screw, 316 ss, qty 8

32" Channel Drain Debris Catcher Suction Outlet with ABS Three-Port Manufactured Sump for Vinyl

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Uniquely engineered concave/convex design allows for superior debris catching while exceeding UL articulate probe finger and knuckle ASME A112 2008 tests

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 196 GPM at 1.3 fps Wall: 192 GPM at 1.2 fps

Floor/wall: 236 GPM at 1.5 fps Floor/wall: 156.2 GPM at 1.0 fps

50.1 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable! Debris catcher





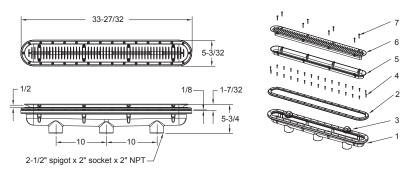
Part # 32CDLTVxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured vinyl sump bucket with gasket
- 2. 32" channel drain vinyl clamping ring with gasket
- 3. 2" NPT plug, qty 2
- 4. #10 x 1" flat head Phillips type-a screw, 316 ss, qty 30
- 5. 32" leaf trap insert
- 6. 32" leaf trap cover
- 7. #10 x 3/4" pan head Phillips hi-lo screw, 316 ss, qty 8

32" Channel Drain Debris Catcher Suction Outlet with ABS Three-Port Manufactured Sump for Fiberglass

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

Uniquely engineered concave/convex design allows for superior debris catching while exceeding UL articulate probe finger and knuckle ASME A112 2008 tests

For single or multiple drain use (see installation instructions for plumbing, hydrostatic valve/drain pipe and single or multi-pump connections)

Single

Floor: 196 GPM at 1.3 fps Wall: 192 GPM at 1.2 fps

Floor/wall: 236 GPM at 1.5 fps Floor/wall: 156.2 GPM at 1.0 fps

50.1 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2½" OD, 2" ID S/S; inside 2" threaded FPT; two 2" threaded plugs included

Permanently attached gasket reduces gasket alignment problems

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing

Must use transitional glue when attaching to PVC pipe

Replace every five years from the date of installation

4 per case

The Unblockable! Debris catcher





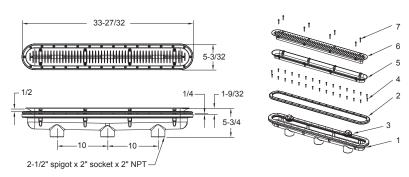
Part # 32CDLTFGxxx

Two drains in one!

STANDARD COLORS



Also available as sump only p/n 32CDSBVxxx 4 per case



- 1. 32" three-port manufactured fiberglass sump bucket
- 2. 32" channel drain fiberglass clamping ring
- 3. 2" NPT plug, qty 2
- 4. #10 x 1" flat head Phillips type-a screw, 316 ss, gty 30
- 5. 32" leaf trap insert
- 6. 32" leaf trap cover
- 7. #10 x 3/4" pan head Phillips hi-lo screw, 316 ss, qty 8





STANDARD COLORS 101 102 103 104

Large Extended 2" Return Fitting with Gasket/Nut for Vinyl, Fiberglass or Steel

Features

Fits 2" thread or 11/2" slip

11/2" thread in front face

Extended wall fitting allows for variations in fiberglass depths

Includes gasket and locking nut for vinyl, fiberglass or steel installations

Includes removable eyeball and nut

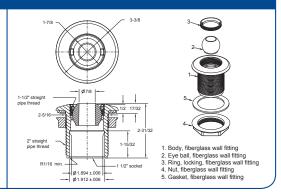
Manufactured from UV-resistant ABS material

25 per case

Optional Wall Angle Adapter p/n AWAxxx for fiberglass pools shown below



Part # 1020Fxxx



Angle Wall Adapter for Fiberglass

Features

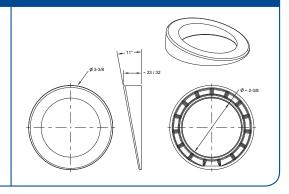
Installs between a fiberglass pool's sidewall and return fitting to change the water direction angle

For use with 1020Fxxx 2" return fitting

200 per case



Part # AWAxxx



Gasket and Locking Nut for Vinyl, Fiberglass or Steel

Features

Fits 2" or 2½" threaded fittings

Ideal for vinyl, fiberglass and steel installations

Manufactured from superior engineered UV-resistant engineered polymers

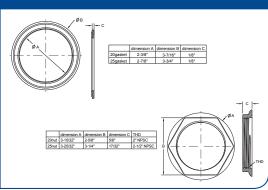
Size p/n: 20NUT 101 – 2" NUT

25NUT 101 - 21/2" NUT

20GASKET - 2" GASKET 25GASKET - 2½" GASKET

25 per case





Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits 1" or 1½" Pipe)

Features

Slips inside 11/2" pipe or outside 1" pipe

Finishes flush, no protrusion past the surface

Integrated water stop to reduce leaks

Eyeball available in four orifice sizes (1", ³/₄", ¹/₂", slotted)

Manufactured from engineered polymer

UV-resistant ABS material

Additional orifice size suffix: 3/4"-B, 1/2"-C, slotted-D

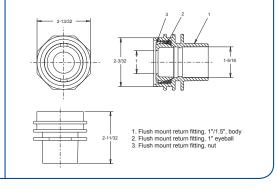
(i.e. $301B = \text{white } \frac{3}{4}$ " orifice)

Also available in Clear (p/n 300)

100



Part # 3xx



STANDARD COLORS 101 102 103 104 105 108

Flush-Mount Return Fitting with Water Stop (Fits Outside 11/2" Pipe)

Features

Fits outside 1½" pipe

11/2" FPT in front face

Finishes flush, no protrusion past the surface

Integrated water stop reduces leaks

Engineered polymer UV-resistant ABS material

Available in four orifice sizes (1", 3/4", 1/2", slotted)

250 per case

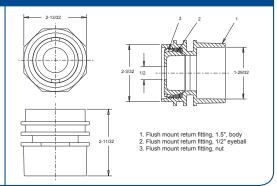
Additional orifice size suffix: $\frac{3}{4}$ "-B, $\frac{1}{2}$ "-C, slotted-D (i.e. JE3101B = white $\frac{3}{4}$ " orifice)

Also available in Clear (p/n JE3100)

100







Vacuum Fitting with Water Stop (Fits Outside 1½" Pipe)

Features

Fits outside 11/2" pipe

11/2" FPT in front face

Finishes flush, no protrusion past the surface

Integrated water stop reduces leaks

Manufactured from engineered polymer UV-resistant ABS material

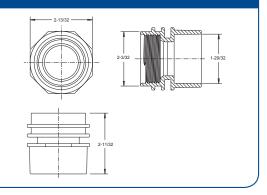
250 per case

Also available in Clear (p/n 3200)

100



Part # 32xx



Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Inside 2" Pipe)

Features

Slips inside 2" pipe

Finishes flush, no protrusion past the surface

Integrated water stop to reduce leaks

Eyeball available in four orifice sizes

(1", 3/4", 1/2", slotted)

Manufactured from engineered polymer UV-resistant ABS material

250 per case

Additional orifice size suffix: $\frac{3}{4}$ "-B, $\frac{1}{2}$ "-C, slotted-D

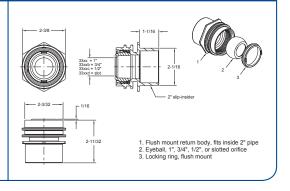
(i.e. 3301B = white 3/4" orifice)

Also available in Clear (p/n 3300)

100



Part # 33xx



Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Over 2" Pipe)

Features

Slips outside 2" pipe

Finishes flush, no protrusion past the surface

Integrated water stop to reduce leaks

Eyeball available in four orifice sizes (1", $\frac{3}{4}$ ", $\frac{1}{2}$ ", slotted)

Manufactured from engineered polymer

UV-resistant ABS material

250 per case

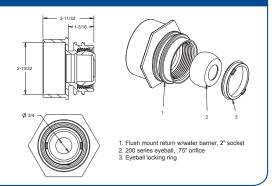
Additional orifice size suffix: $\frac{3}{4}$ "-B, $\frac{1}{2}$ "-C, slotted-D

(i.e. $3501B = \text{white } \frac{3}{4}$ " orifice)

Also available in Clear (p/n 3500)



Part # 35xx



STANDARD COLORS 101 102 103 104 105

Light Niche/Return Fitting, fits over 1½" pipe

Features

Slips over a 11/2" pipe

Enables a 1 11/2/2" light socket to thread into the

Improves the appearance of the light's niche, instead of the standard unsightly silver

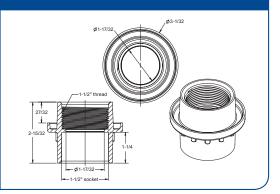
250 per case

Also available in Clear (p/n 3600)

100



Part # 36xx



Australian Return Fitting with Adjustable Eyeball 1½" Knock-In

Features

Knocks into 11/2" pipe, no glue necessary

Self-leveling for out-of-square pipes

Flange camouflages pipe and surface construction variations

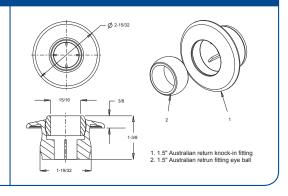
Adjustable eyeball available in three orifice sizes (1", 3/4", 1/2")

Manufactured from engineered polymer UV-resistant polypropylene material

Additional orifice size suffix: 3/4"-B, 1/2"-C (i.e. $401B = \text{white } \frac{3}{4}$ " orifice)



Part # 4xx



Three-Piece Directional Eyeball Fitting 1½" Knock-In

Features

Knocks into standard 11/2" pipe

Self-leveling for pipe and surface construction variations

Adjustable eyeball available in four orifice sizes (1", 3/4", 1/2", slotted)

Manufactured from engineered polymer UV-resistant ABS material

250 per case

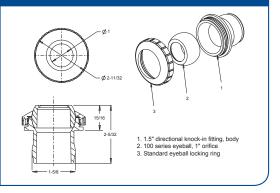
Orifice size part #s: 1"-41xx, 3/4"-42xx, 1/2"-43xx, slotted-44xx (i.e. 4201 = white 3/4" orifice)

Also available in Clear (p/n 4x00)

100



Part # 4xxx



4" Adjustable Floor Return Fitting with Water Stop

Features

Diverter plate molded as one piece – no glue joints for longer lasting commercial use

Integrated water stop to reduce leaks

 $2" \times 1\frac{1}{2}"$ slip pipe adapter included

Full 360-degree flow

Flow rate up to 80 GPM CAUTION: NOT to be used as a suction outlet

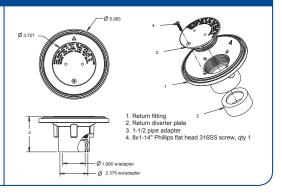
Manufactured from engineered polymer UV-resistant ABS material

Stainless steel screws

25 per case

Also available as return diverter plate only for remodels, repairs, etc. p/n DIV0xxx 25 per case





STANDARD COLORS 101 102 103 104 105 10

Australian Return Fitting with Adjustable Eyeball 1" Knock-In

Features

Knocks into 1" pipe, no glue necessary Self-leveling for out-of-square pipes

Flange camouflages pipe and surface construction variations

Adjustable eyeball available in three orifice sizes $(1", \frac{3}{4}", \frac{1}{2}")$

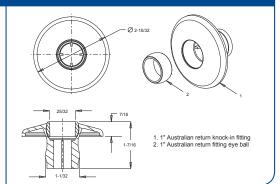
Manufactured from engineered polymer UV-resistant polypropylene material

500 per case

Additional orifice size suffix: $\frac{3}{4}$ "-B, $\frac{1}{2}$ "-C (i.e. 501B = white $\frac{3}{4}$ " orifice)



Part # 5xx



Three-Piece Directional Eyeball Fitting 1" Knock-In with Flange

Features

Knocks into standard 1" pipe, no glue necessary Self-leveling for out-of-square pipes

Adjustable eyeball available in four orifice sizes (1", $^3\!/_4$ ", $^1\!/_2$ ", slotted)

Large flange camouflages pipe and surface construction variations

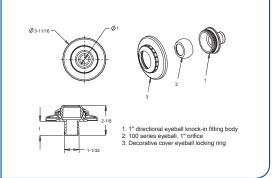
Manufactured from engineered polymer UV-resistant ABS material

50 per case

Orifice size part #s: 1"-51xx, $\frac{3}{4}$ "-52xx, $\frac{1}{2}$ "-53xx, slotted-54xx (i.e. 5201 = white $\frac{3}{4}$ " orifice)



Part # 5xxx



Rope Anchor

Features

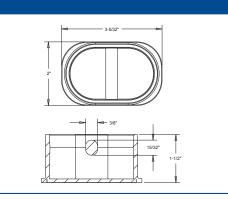
Sturdy center pin

Manufactured from engineered polymer UV-resistant ABS

200 per case



Part # 6xx



Commercial Rope Anchor with Stainless Steel Pin

Features

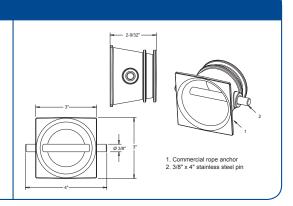
Press-fit stainless steel pin

Integrated water stop to reduce leaks

Manufactured from UV-resistant NSF 50/ABS/ASA

Deep well for large hooks





STANDARD COLORS 101 102 103 104 105 Three-Piece Directional Eyeball Fitting 2" Knock-In **Features** Knocks into standard 2" pipe Self-leveling for pipe and surface construction Adjustable eyeball available in four orifice sizes $(1", \frac{3}{4}", \frac{1}{2}", \text{ slotted})$ Manufactured from engineered polymer UV-resistant ABS material 250 per case Orifice size part #s: 1"-61xx, $\frac{3}{4}$ "-62xx, $\frac{1}{2}$ "-63xx, slotted-64xx (i.e. 6201 = white $\frac{3}{4}$ " orifice) 1. 2" directional eyeball knock-in fitting body
2. 100 series eyeball, 1" orifice
3. Standard eyeball locking ring Also available in Clear (p/n 6x00) 100 Part # 6xxx Pool Wall Step **Features** Non-skid surface on step Manufactured from engineered polymer UV-resistant NSF-rated/ABS/ASA Extra large locking feature on outer lid Full 15" length required by many states Also available in Blue Set of three 4 sets per case Part # 7xx Three-Piece Directional Eyeball Fitting 11/2" MPT **Features** Screws into 11/2" FPT Adjustable eyeball available in four orifice sizes (1", 3/4", 1/2", slotted) Manufactured from engineered polymer UV-resistant ABS material Orifice size part #s: 1"-81xx, ³/₄"-82xx, ¹/₂"-83xx, slotted-84xx (i.e. 8201 = white ³/₄" orifice) mana Also available in Clear (p/n 8x00) 1. Directional fitting body Directional fitting eyeball
 Directional fitting nut 100 Part # 8xxx Three-Piece Directional Eyeball Fitting 1½" Slip Insider **Features** Slip and glue into standard 11/2" pipe Adjustable eyeball available in four orifice sizes (1", 3/4", 1/2", slotted) Manufactured from engineered polymer UV-resistant ABS material 250 per case Orifice size part #s: 1"-SL81xx, 3/4"-SL82xx, 1/2"-SL83xx, slotted-SL84xx (i.e. $SL8201 = white \frac{3}{4}$ " orifice) Also available in Clear (p/n SL8x00)

Part # SL8xxx

1. 1.5" directional slip insider, body
 2. 100 series eyeball, 1" orifice
 3. Standard eyeball locking ring

Features

Screws into 11/2" FPT Great for remodels adds ½" for new finish Finishes flush, no protrusion past the surface

Eliminates the need for costly removal of old fittings (just screw in) Stack more than one for longer extension

Eyeball available in four orifice sizes (1", 3/4", 1/2", slotted) U.S. patent 8,250,682

Manufactured from engineered polymer UV-resistant ABS material 250 per case

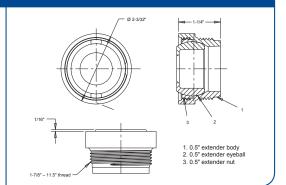
Additional orifice size suffix: $\frac{3}{4}$ "-B, $\frac{1}{2}$ "-C, slotted-D (i.e. ASD101B = white 3/4" orifice)

Also available in Clear (p/n ASD100)

100







½" Extender with Eyeball and Nut 1¼" MPT

Features

Threads into 11/4" FPT Fits into Swimquip/ Sta-Rite #8428 and 8429 (the part with four brass threaded inserts) Great for remodels, adds 1/2" for new finish

Finishes flush, no protrusion past the

Eliminates the need for costly removal of old fittings (just screw in) U.S. patent 8,250,682 250 per case

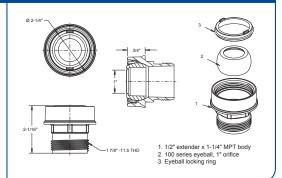
Can be extended by stacking with p/n ASDxxx Eyeball available in four orifice sizes (1", 3/4", 1/2", slotted) Engineered polymer **UV-resistant ABS material**

Add'l orifice size suffix: 3/4"-B, 1/2"-C slotted-D (i.e. BSASD101B = 3/4" orifice) Also available in Clear (p/n BSASD100)

100



Part # BSASDxxx



AquaStop® Pipe Sleeve with Threaded Slurry Seal Cap and O-ring 11/2" / 2" / 21/2" / 3"

Features

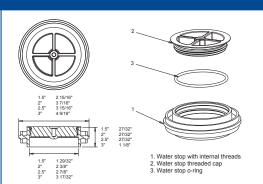
Similar to original AquaStop® pipe sleeve (see p/n WSxxx) except engineered with additional female thread for polypropylene cap and gasket seal Excess glue will not stick to polypropylene cap Apply with PVC glue to drain pipe prior to pool finish with cap attached to prevent slurry from going into pipes (remove

cap after pool finish and acid wash)

AquaStop® pipe sleeve prevents leaks after start-up

Helps avoid costly repairs Available in four sizes Manufactured from engineered PVC and polypropylene materials 250 per case Additional size suffix: 1"-1, 1½"-1.5, 2"-2, 2½"-2.5, 3"-BCR2000-3





4"S x 4"S x 2½"S x 2½"S Horizontal T with Two 4" x 3" Reducer Bushings

Features

NSF-approved materials

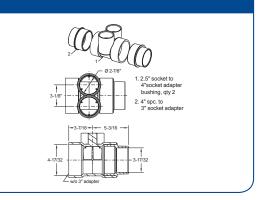
Universal fit for AquaStar skimmer bottom, and "B" two-port PVC sumps

Converts two $2\frac{1}{2}$ " spigot to 4" or 3" T

Comes complete with two 4" x 3" reducer bushings p/n BU101-4x3

Schedule 40 white PVC





STANDARD COLORS 101 102 103 104 105 108

Bushing to Convert 2" to 11/2"

Features

Converts pipes from 2" to $1\frac{1}{2}$ "

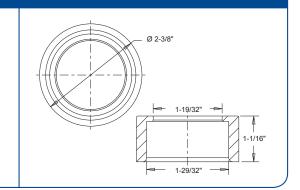
NSF-approved materials

Manufactured from engineered PVC materials

25 per cas







Bushing to Convert 4" to 3"

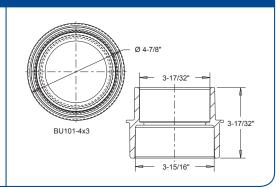
Features

Converts p/n BFB101 or other pipes from 4" to 3" NSF-approved materials

Manufactured from engineered PVC materials



Part # BU101-4x3



1½" Safety Grate Insert (for Use on Fittings Only) 1½" MPT

Features

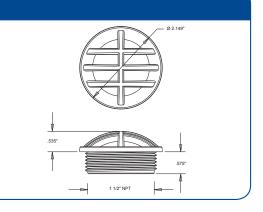
Manufactured from UV-resistant ABS material Threads directly into 11/2" FPT

CAUTION: Not to be used as a suction outlet under any circumstances

250 per case



Part # CFMxxx



Winterizing Cap with O-ring 1½"/ 2"/ 2½"/ 3"

Features

Threads into FPT

Seals off pipes for winterizing

Available in four sizes (1½", 2", 2½", 3")

Manufactured from UV-resistant

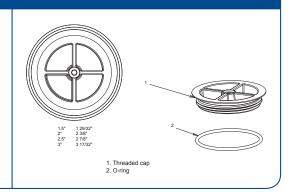
Silicone O-ring for extra tight seal

250 per case

Additional size suffix: 2"-2, 2½"-2.5, 3"-3 (i.e. CS101-2 = white 2" cap)



Part # CSxxx-x



STANDARD COLORS 101 102 103 104

Three-Piece Decorative Cover

Features

Screws into 11/2" FPT

Great for remodels, quickly changes color of existing 1022s or other fittings

Eliminates the need for costly removal of old fittings (just screw in)

Large flange camouflages pipe and surface

construction variations Eyeball available in four orifice sizes

(1", 3/4", 1/2", slotted)

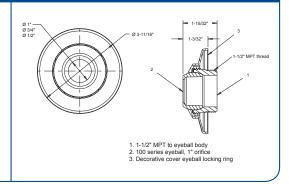
Manufactured from engineered polymer UV-resistant ABS material

250 per case

Additional orifice size suffix: 3/4"-B, 1/2"-C, slotted-D (i.e. DC101B = white $\frac{3}{4}$ " orifice)







Large Wall Fitting with Threaded OD (Fits 11/2" Pipe)

Features

Standard 1022 fits outside 11/2" pipe, threads inside 2" pipe

11/2" FPT in front face

Large flange camouflages pipe and surface

See also decorative cover p/n DCxxx to make existing 1022s like new with different colors

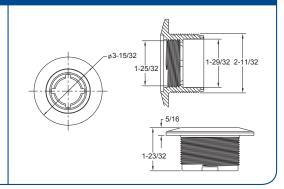
Engineered polymer UV-resistant ABS material

250 per case

Also available in Clear (p/n ES102200)



Part # ES1022xx



Large Wall Fitting with Water Stop (Fits 1½" Pipe)

Features

Fits outside 11/2" pipe

11/2" FPT in front face

Similar to standard 1022 but with integrated water stop to reduce leaks

Large flange camouflages pipe and surface construction variations

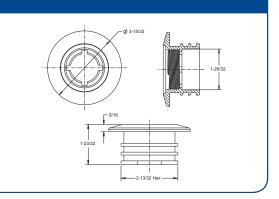
See also decorative cover $p/n\ DCxxx$ to make existing 1022s like new with different colors Engineered polymer UV-resistant ABS material 250 per case

Also available in Clear (p/n ES1022WB00)

100



Part # ES1022WBxx



Large Wall Fitting with Threaded OD (Fits 1½" Pipe) with Lock Nut and Gasket for Fiberglass/Vinyl

Features

Standard 1022 fits outside 1½" pipe, threads inside 2" pipe

11/2" FPT in front face

Large flange camouflages pipe and surface construction variations

See also decorative cover p/n DCxxx to make existing 1022s like new with different colors Manufactured from engineered polymer

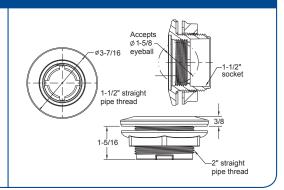
UV-resistant ABS material

250 per case

Also available in Clear (p/n ES1022V00)



Part # ES1022Vxx



STANDARD COLORS 101 102 103 104 105 108

Standard Eyeball and Nut Replacement **Features** - 5/16 Change the color or size of your eyeball and nut Fits all AquaStar and other brands' female thread and standard eyeball and nut fittings 50 per case Additional orifice size: $\frac{3}{4}$ "-B, $\frac{1}{2}$ "-C, slotted-D (i.e. ENB101 = white $\frac{3}{4}$ " orifice) 100 1. Eyeball, 1" orifice 2. Eyeball locking ring Also available in Clear Part # ENxxx (p/n EN100, ENB100, ENC100, END100) 25/32 single turn 1. Eyeball, short, 3/4" orifice 2. Eyeball locking ring Part # ENBxxx Ø 1-5/8 1-1/2" NPT -1. Eyeball, short, 1/2" orifice 2. Eyeball locking ring Part # ENCxxx Ø~1-5/8 1. Eyeball, slotted 1-1/2" NPT – single turn 2. Eyeball locking ring Part # ENDxxx



2" x 4" Gutter Deck Drain (Fits 2" Pipe)

Features

Fits over 2" pipe

11/2" threaded FPT inside for pressurizing/ winterizing

Manufactured from engineered polymer UV-resistant PVC material (p/n GDD101 is manufactured from engineered polymer UVresistant ABS material)

1½" reducer bushing p/n BU101-2x1.5

1/2" stackable extender available p/n PE20101

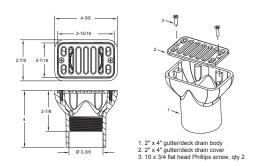
Stainless steel screws

Also available as grate only with two screws

CAUTION: Not to be used as a suction outlet under any circumstances

Grate only p/n GDDLxxx 25 per case





2" Hydrostatic Relief Valve

Features

Equalizes pressure for high water tables

Fins enable easy twist for installation

Fits any AquaStar and most other manufacturers' 2" threads

Manufactured from superior UV-resistant engineered polymers

Includes 2" x 1½" reducer bushing

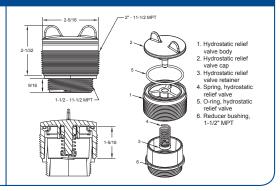
Reducer bushing must be glued into hydrostatic relief valve using ABS glue

25 per case

Available in White, Black and Dark Gray







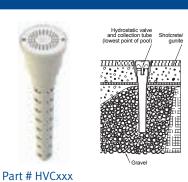
Self-Contained Hydrostatic Valve Assembly

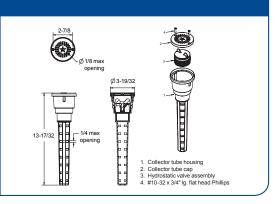
Features

Self-contained unit has a built-in collector tube Installs directly into the pool finish with no additional plumbing connection required

Helps prevent swimming pool damage due to hydrostatic pressure beneath the pool shell when pool is drained

12 per case





Plaster Cap with Magnet-Finding Metal Insert 1½"/2"

Features

Threads into 11/2" or 2"FPT

Seals off pipes during pool finish to allow for

Metal insert in cap makes it easy to locate pipes with a magnet after plastering

Available in two sizes (11/2", 2")

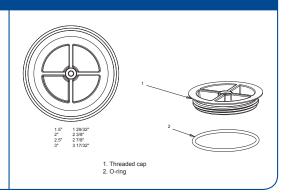
Manufactured from engineered polymer UV-resistant ABS material

250 per case

Additional size suffix: 2"-2 (i.e. $JMCP109 = 1\frac{1}{2}$ " cap JMCP109-2 = 2" cap)



Part # JMCP109



1/2" Extender with Plaster Cap and Three-Piece Decorative Cover

Features

Screws into 11/2" FPT

Removable plaster cap prevents slurry from entering pipes during pool finish, keeps threads clean

Great for old 1022 fitting remodels, adds 1/2" for new finish

Eliminates the need for costly removal of old fittings (just screw in)

Stack more than one for longer extension

Large flange camouflages pipe and surface construction

Eyeball available in four orifice sizes (1", 3/4", 1/2", slotted)

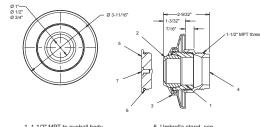
Manufactured from UVresistant ABS material

125 per case

Add'l orifice size suffix: 3/4"-B, 1/2"-C, slotted-D (i.e. MP101B = 3/4"



Part # MPxxx



- Umbrella stand, cap
 Oring, float seal
 Metal cap insert
- 1. 1-1/2" MPT to eyeball body
 2. 100 series eyeball, 1" orifice
 3. Decorative cover eyeball locking ring
 4. 1/2" extender body

Pipe Extenders $(1\frac{1}{2}$, 2")

Features

PE15101 slips outside 11/2" pipe and inside $1\frac{1}{2}$ " pipe for easy in-trench pipe extension

PE20101 slips outside 2" pipe and inside 2" pipe for easy in-trench pipe extension

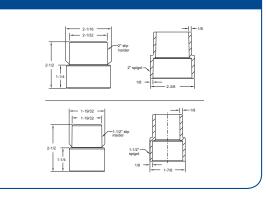
NSF 50 approved materials

Made from PVC

250 per case



Part # PE20101 - 2", PE15101 - 11/2"



Shell Wall Step

Features

Install into side wall

Decorative shell look for step

Non-skid surface on step

Manufactured from UV-resistant ABS/ASA

Adds special look and feel to interior finish

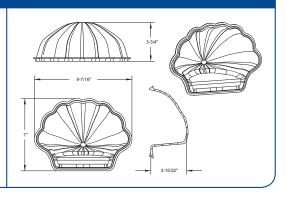
Solid exterior grip on full circumference

Set of three

4 sets per case



Part # SSxxx



90 Degree Sweep Ells Socket x Spigot

Features

NSF-approved PVC material

Title 20/24 compliant

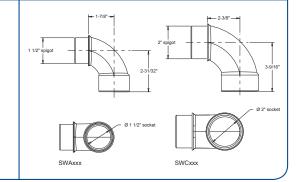
Available in 11/2" and 2" S x Spg

50 per case

Available in White



Part # SWA101 $- 1\frac{1}{2}$ " S x Spg, SWC101 - 2" S x Spg



90 Degree Sweep Ells Socket x Socket

Features

NSF-approved PVC material

Universal fit

Title 20/24 compliant

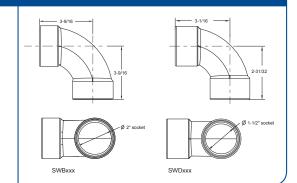
Available in $1\frac{1}{2}$ " and 2" S x S

50 per case

Available in White



Part # SWB101 $- \frac{11}{2}$ " S x S, SWD101 - 2" S x S



Straight Flow Insert 1½" MPT

Features

Threads directly into 11/2" FPT

Keeps flow in a straight line eliminating backflow problems due to twisted eyeball, reducing call backs especially with commercial spas

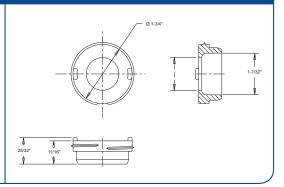
Great for in-floor foot jets

Manufactured from engineered polymer UV-resistant ABS material

250 per case



Part # TMxxx



Therapeutic Spinner, Fits 1½"

Features

Screws into any existing 11/2" fitting

Easily converts 1½" return fittings to therapeutic spinner action, great for spas

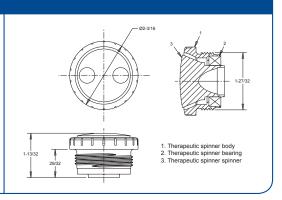
Stainless steel ball bearing race

Manufactured from engineered polymer **UV-resistant material**

100 per case



Part # TSxxx



7½" Umbrella Stand with Sleeve and Center Cap

Features

Great for umbrellas, volleyball poles, tiki torches Install into hole in gunite, apply pool finish to top of stand, install decorative sleeve and center cap after pool finish

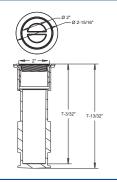
Can be installed on floor, step or deck

Integrated water stop reduces leaks

Manufactured from engineered polymer UV-resistant ABS or material

Also available in Clear (p/n US100)







STANDARD COLORS 101 102 103 104 105 108

5" Umbrella Stand with Sleeve and Center Cap

Features

Great for umbrellas, volleyball poles, tiki torches

Install into hole in gunite, apply pool finish to top of stand, install decorative sleeve and center cap after pool finish

Can be installed on floor, step or deck

Integrated water stop reduces leaks

Manufactured from engineered polymer UV-resistant ABS material

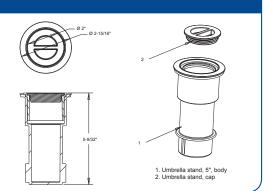
25 per case

Also available in Clear (p/n SMUS100)

100







Umbrella Stand Cap with Gasket Seal 1½" MPT

Features

Threads into 1½" FPT

Seals off pipes during pool finish to allow for clean threads

Decorative option for winterizing pipes

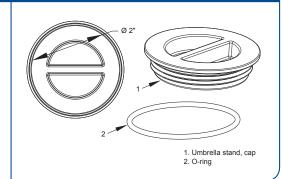
Manufactured from engineered polymer UV-resistant ABS material

Silicone O-ring for extra tight seal

250 per case



Part # USCGxxx



AquaStop $^{\circ}$ Pipe Sleeves (1" / 1.5" / 2" / 2.5"/ 3")

The most common cause of leaks in a pool is the surface materials not bonding with the pipes. Our AquaStop® pipe sleeves provide a longer surface area for increased bonding with the pool finish. This creates a barrier around the pipe to prevent water from leaking.

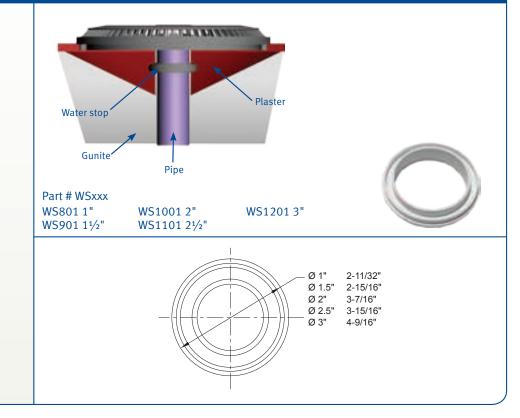
Features

Prevents leaks

Helps avoid costly repairs

Available in five sizes

Manufactured from engineered polymer PVC material



Wall/Deck Spouts

Features

Creates an adjustable water stream from the tile line or deck

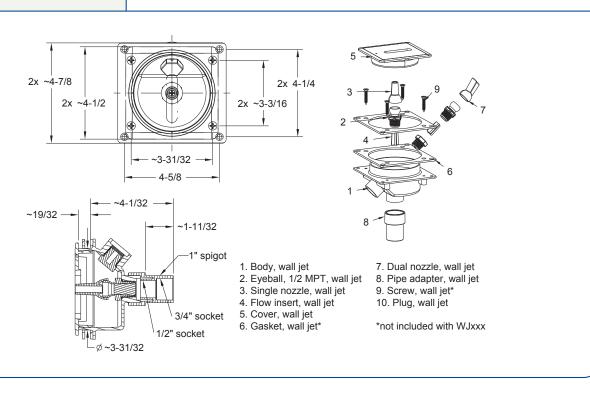
Manufactured from UV-resistant ABS material

Fiberglass model (p/n WJFxxx) includes face plates, body, gaskets, plug, screws, plumbing adapter, single and dual stream nozzles

Gunite model (p/n WJxxx) includes face plates, body, plug, plumbing adapter, single and dual stream nozzles











AquaThunder® Therapeutic Spa Jets

AquaThunder® spa jets are designed for maximum efficiency. The soothing water/ air combination will give your next spa project great therapeutic massage action. The PVC housing makes assembly a breeze and threaded interchangeable jet barrels are available for a variety of combinations. The adjustable jet fitting is made with a flange so it won't interfere with the adjustment ring, making it easier to regulate the water flow. The pool finish can go right up against the outer flange, giving it a very clean look.



AquaThunder Jet Fitting with Flange

Features

Threaded design screws to housing

Designer outer flange

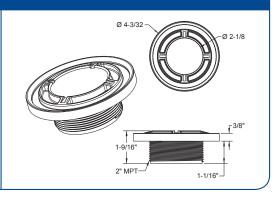
Made from ABS engineering grade resin

Interchangeable with most popular brands

25 per case



Part # ATFxxx



AquaThunder Jet Housing

Features

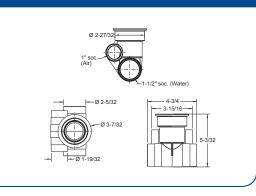
Made from PVC

Separate water and air tubes

Interchangeable with most popular brands

White only





2½" Gunite Jet Body Assembly

Features

Wide range of plumbing options
Compatible with gunite finishes
Wide variety of nozzle configurations
Easily interchangeable jet styles
2" socket (water) x 1½" socket (air)
1" and 2½" pipes not included

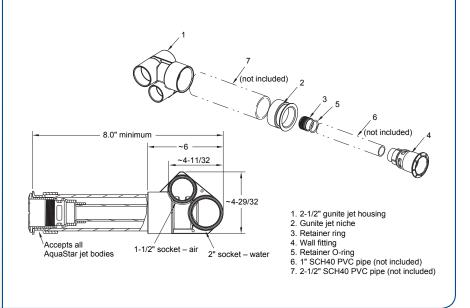


U.S. patents pending

Part # ATGxxx

STANDARD COLORS

101 105 102 108



STANDARD COLORS 103

AquaThunder 2½" Gunite Jet Housing

Features

Made from PVC

Separate water and air tubes

2" socket (water)

1½" socket (air)

Interchangeable with most popular brands

White only



Part # AT127101

AquaThunder Gunite Jet Niche

Features

Fits the ATGxxx housing

Made from PVC

Connects to the $2\frac{1}{2}$ " Gunite Jet Housing by $2\frac{1}{2}$ " PVC schedule 40 pipe (pipe not included)

White only



Part # AT128101

AquaThunder Retainer Ring

Features

Fits the ATGxxx housing

Made from PVC

Threaded design screws into 2½" Gunite Jet Housing

White only



Part # AT129101

AquaThunder Wall Fitting

Features

Fits the ATGxxx housing

Made from PVC

Connects to retainer ring by 1" PVC schedule 40 pipe (pipe not included)

Designed to fit inside Gunite Jet Niche

White only



Part # AT130101

AquaThunder Jet Barrel

Features

Clean scallop design

Adjustable front flange

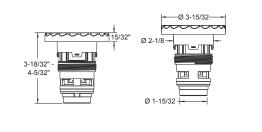
Threaded for easy assembly

Made from ABS engineering grade resin

Interchangeable with most popular brands

Fits ATHxx and ATGxxx housing





AquaThunder Jet Barrel with Therapeutic Spinner

Features

Clean scallop design

Adjustable front flange

Threaded for easy assembly

Made from ABS engineering grade resin

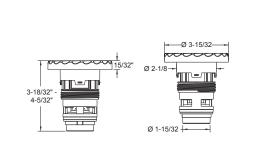
Interchangeable with most popular brands

Stainless steel ball bearing race for smooth and durable spinning action

Fits ATHxx and ATGxxx housing



Part # ATBTSxxx



2½" Gunite Rotational Jet Barrel (Single / Double)

Features

Clean scallop design

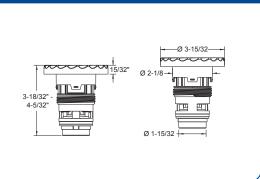
Adjustable front flange

Threaded for easy assembly

Interchangeable with most popular brands

Fits ATHxx and ATGxxx housing





2½" Gunite Massage Jet Barrel

Features

Rotates for massage therapy

Clean scallop design

Adjustable front flange

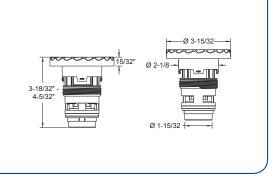
Threaded for easy assembly

Interchangeable with most popular brands

Fits ATHxx and ATGxxx housing



Part # ATGB5xx







Flow Star® Standard Skimmer with Water Stop Face, Float Assembly, Basket, Lid and Adjustable Collar

Features

Adjustable collar

New weir clip lock secures the clips in the weir door Weir plate with easy snap in and out locks

Self-contained gunite grip, water stop on face plate to prevent water leaks

Large self-contained basket with lock-in feature (will not float)

Pre-installed O-ring for float assembly

Underwater dampers on face plate for noise reduction on weir plate – especially on windy days

Super strong engineered polymer upper housing

Extra heavy duty PVC lower unit (no transitional glue required)

2½" outside slip and 2" inside slip (outside skimmer)

2" threads for pressure testing (inside skimmer) Built-in overflow or fill line knock out

Upper housing has pre-cut rebar cut outs with pre-drilled holes for tie wire

Additional box inside skimmer box for basket, float assembly and weir plate (so assembly does not get lost on job site)

Skimmer Lid and Collar G154 UV tested

NSF 50 approved for commercial use, 25 GPM min, 55 GPM max – approved for residential use up to 100 GPM

Optional custom name/logo engraved on lid (requires minimum 100 piece lid order)

1 per case

Now available with three lid options: round, square or snap-in round/square



Optional vacuum plate with snap-in lug can be glued in under lid for easy storage p/n SK43xx

Part # SKR1xxx

STANDARD COLORS

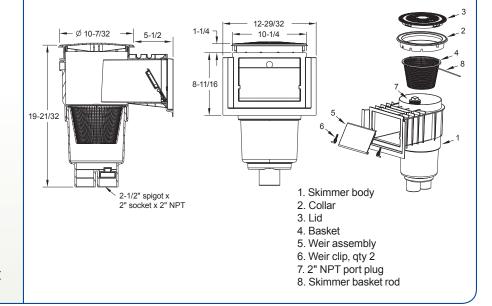


Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx

Square Lid and Collar (sold separately) p/n SK64xxx

Available without lid and collar SKR1NL101 (white only)

SPS 3 & NSF 50 Compliant



Flow Star® Standard Skimmer with Flush Face, Float Assembly, Basket, Lid and Adjustable Collar

Features

Adjustable collar

New weir clip lock secures the clips in the weir door

Weir plate with easy snap in and out locks

Large self-contained basket with lock-in feature (will not float)

Pre-installed O-ring for float assembly

Underwater dampers on face plate for noise reduction on weir plate – especially on windy days

Super strong engineered polymer upper housing

Extra heavy duty PVC lower unit (no transitional glue required)

2½" outside slip and 2" inside slip (outside skimmer)

2" threads for pressure testing (inside skimmer)

Built-in overflow or fill line knock out

Upper housing has pre-cut rebar cut outs with pre-drilled holes for tie wire

Skimmer Lid and Collar G154 UV tested

NSF 50 approved for commercial use, 25 GPM min, 55 GPM max – approved for residential use up to 100 GPM

Optional custom name/logo engraved on lid (requires minimum 100 piece lid order)

1 per case

Now available with three lid options: round, square or snap-in round/square



Optional vacuum plate with snap-in lug can be glued in under lid for easy storage p/n SK43xx

Part # SKR2xxx

STANDARD COLORS

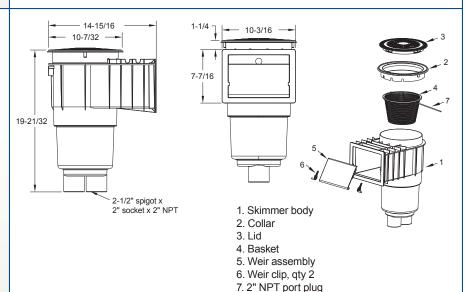
101 105 102 108

Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx

Square Lid and Collar (sold separately) p/n SK64xxx

Available without lid and collar SKR2NL101 (white only)

SPS 3 & NSF 50 Compliant



8. Skimmer basket rod

Flow Star® Skimmer with Narrow 9" Deep Throat, Float Assembly, Basket, Lid, Adjustable Collar for Vinyl/Fiberglass

Features

Adjustable collar

New weir clip lock secures the clips in the weir door Weir plate with easy snap in and out locks

Large self-contained basket with lock-in feature (will not float)

Pre-installed O-ring for float assembly

Underwater dampers on face plate for noise reduction on weir plate – especially on windy days

Super strong engineered polymer upper housing

Extra heavy duty PVC lower unit (does not require transitional glue)

2½" outside slip; 2" inside slip (outside skimmer)

2" threads for pressure testing (inside skimmer)

Built-in overflow or fill line knock-out

Upper housing has pre-cut rebar cut outs with pre drilled holes for tie wire

Additional box inside skimmer box for basket, float assembly and weir plate (so assembly does not get lost on job site)

Skimmer Lid and Collar G154 UV tested

NSF 50 approved for commercial use, 25 GPM min, 55 GPM max – approved for residential use up to 100 GPM

Optional custom name/logo engraved on lid (requires minimum 100 piece lid order)

Designed to work with all existing vinyl liner steel, polymer or fiberglass pool walls

Now available with three lid options: round, square or snap-in round/square



Part # SKRVFL3Nxxx (vinyl) Part # SKRFFL3Nxxx (fiberglass)

Optional vacuum plate with snap-in lug can be glued in under lid for easy storage p/n SK43xxx

STANDARD COLORS



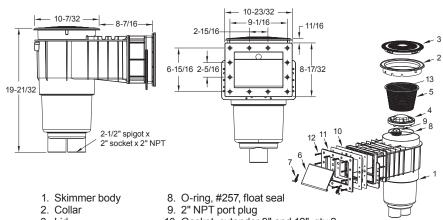
Also available without float assembly, remove "FL" from part numbers

Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx

Square Lid and Collar (sold separately) p/n SK64xxx

Without lid/collar - white only SKRFFL3NNL01 (fiberglass with float assembly) SKRVFL3NNL01 (vinyl with float assembly)

SPS 3 & NSF 50 Compliant



- 3. Lid
- 4. Float assembly
- 5. Basket
- 6. Weir assembly
- 7. Weir clip, qty 2
- 10. Gasket, extender 9" and 12", qty 2
- 11. Face frame, extender 9" and 12"
- 12. #12 x 1-3/4" lg flat head Phillips, type b, 316 ss, qty 12
- 13. Skimmer basket rod

FlowStar® Skimmer with 5" Deep Throat, Float Assembly, Basket, Lid, Adjustable Collar for Fiberglass

Features

Adjustable collar

New weir clip lock secures the clips in the weir door Weir plate with easy snap in and out locks

Large self-contained basket with lock-in feature (will not float)

Pre-installed O-ring for float assembly

Underwater dampers on face plate for noise reduction on weir plate – especially on windy days

Super strong engineered polymer upper housing

Extra heavy duty PVC lower unit (does not require transitional glue)

2½" outside slip; 2" inside slip (outside skimmer)

2" threads for pressure testing (inside skimmer)

Built-in overflow or fill line knock-out

Upper housing has pre-cut rebar cut outs with pre drilled holes for tie wire

Additional box inside skimmer box for basket, float assembly and weir plate (so assembly does not get lost on job site)

Skimmer Lid and Collar G154 UV tested

NSF 50 approved for commercial use, 25 GPM min, 55 GPM max – approved for residential use up to 100 GPM

Optional custom name/logo engraved on lid (requires minimum 100 piece lid order)

Designed to work with all existing vinyl liner steel, polymer or fiberglass pool walls

1 per case

NEW Now available with three lid options: round, square or snap-in round/square



Optional vacuum plate with snap-in lug can be glued in under lid for easy storage p/n SK43xxx

Part # SKRFL12xxx

STANDARD COLORS 101 105

102 108

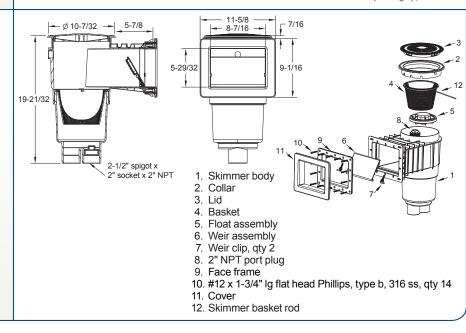
Also available without float assembly remove "FL" from part numbers

Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx

Square Lid and Collar (sold separately) p/n SK64xxx

Also available without lid/collar (white only) p/n SKRFL12NL101

SPS 3 & NSF 50 Compliant



ZarStar[™] Skimmer with Large Basket, Filter Bag, Adjustable Collar, Lid and Ozonator Ports

Features

Can be installed alone or with Drain/Vacuum Pre-Filter p/n SKZ111xxx (see page 102 for installation options)

Large 19½" x 6" self-contained basket and 300-micron filter bag allow debris from suction side vacuum to be pre-filtered before flowing to the pump and filter baskets

Improves efficiency of pump by minimizing debris collection in the pump's filter basket

Adjustable collar and lid G154 UV tested

Optional custom name/logo engraved on lid (requires minimum 100 piece lid order)

Tall/narrow weir plate enables streamlined installation and less water evaporation

Weir plate with easy snap in and out locks

Weir clip lock secures the clips in the weir door Underwater dampers on face plate for noise reduction on weir plate – especially on windy days

Super strong engineered polymer upper housing Extra heavy duty PVC lower unit (no transitional glue required)

2½" outside slip and 2" inside slip (skimmer ports)

2" threads for pressure testing (inside skimmer) Built-in overflow or fill line port

1 per case

U.S. and foreign patents pending

NEW Now available with three lid options: round, square or snap-in round/square

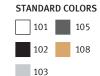




Optional Installation with Drain/Vacuum Pre-Filter See page 98 for installation options

See page 99 for lid options

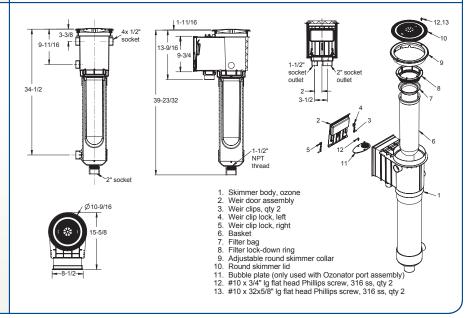
Part # SKZ101xxx



Also available without ozonator ports p/n SKZ102xxx

Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx

Square Lid and Collar (sold separately) p/n SK64xxx



ZarStar[™] Drain/Vacuum Pre-Filter with Large Basket, Filter Bag, Adjustable Collar and Lid

Features

Can be installed alone or with ZarStar Skimmer p/n SKZ101xxx (see page 102 for installation options)

Attaches to vacuum port line

Large 19½" x 6" self-contained basket and 300-micron filter bag allow debris from suction side vacuum to be pre-filtered before flowing to the pump and filter baskets

Improves efficiency of pump by minimizing debris collection in the pump's filter basket

Adjustable collar and lid G154 UV tested

Optional custom name/logo engraved on lid (requires minimum 100 piece lid order)

Super strong engineered polymer upper housing

Extra heavy duty PVC lower unit (no transitional glue required)

2½" outside slip and 2" inside slip ports

2" threads inside for pressure testing Built-in overflow or fill line port

1 per case

round, square or snap-in round/square

NEW Now available with three lid options:





Optional Installation with Drain/Vacuum Pre-Filter See page 98 for installation options

See page 99 for lid options

U.S. and foreign patents pending

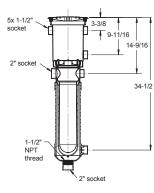
STANDARD COLORS

101 105 102



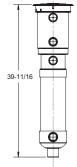
Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx

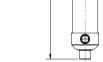
Square Lid and Collar (sold separately) p/n SK64xxx



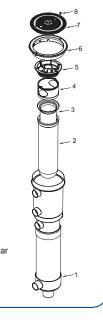
Part # SKZ111xxx







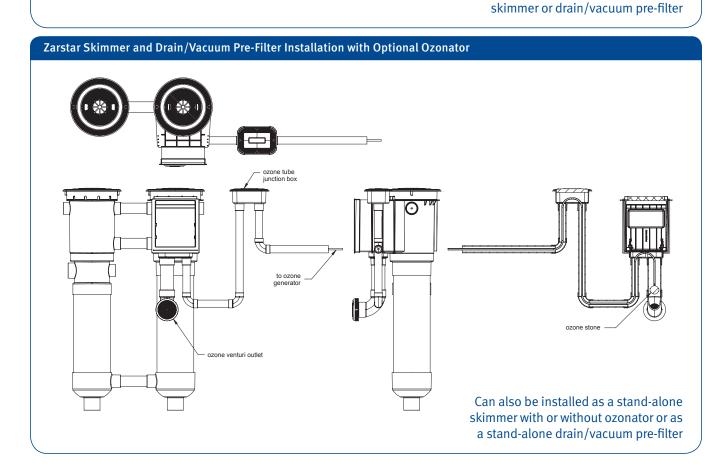
- 1. Leaf catcher body
- 2. Basket
- Filter bag
- Leaf catcher basket adapter
- Vacuum thread adapter Adjustable round skimmer collar
- Round skimmer lid
- #10 x 3/4" Ig flat head
- Phillips screw, 316 ss, qty 2



ZARSTAR™ INSTALLATION OPTIONS

STANDARD COLORS 101 102 103 105 108

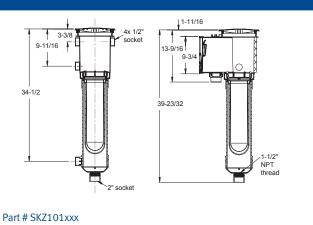
Zarstar Skimmer and Drain/Vacuum Pre-Filter Installation fil port or overflow water line requester file req

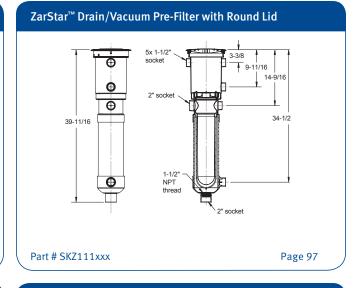


ZARSTAR™ LID OPTIONS

108 STANDARD COLORS 101 102

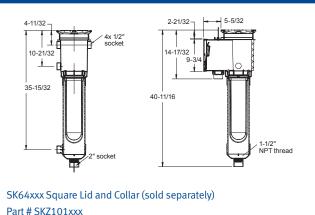
ZarStar™ Skimmer with Ozonator Ports and Round Lid





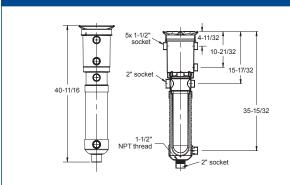
ZarStar™ Skimmer with Ozonator Ports and Square Lid

Available without ozonator p/n SKZ102xxx



Available without ozonator p/n SKZ102xxx Page 96

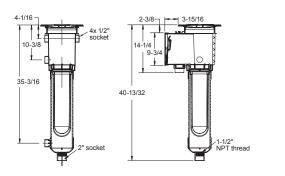
ZarStar™ Drain/Vacuum Pre-Filter with Square Lid



SK64xxx Square Lid and Collar (sold separately) Part # SKZ111xxx

Page 97

ZarStar™ Skimmer with Ozonator Ports and Snap-In Round/Square Lid



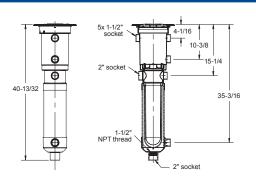
SK65xxx Snap-in Round/Square Lid and Collar (sold separately) Part # SKZ101xxx

Available without ozonator p/n SKZ102xxx

Page 96

Page 96

ZarStar™ Drain/Vacuum Pre-Filter with Snap-In Round/Square Lid



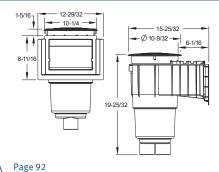
SK65xxx Snap-in Round/Square Lid and Collar (sold separately) Part # SKZ111xxx Page 97

SKIMMERS

SKIMMER OPTIONS



Standard Waterstop Face Round Lid



SKR1xxx

Standard Skimmer with Waterstop Face **Dual Bottom Port** 2½" Spigot x 2" Socket

SKR1xxxD

Single Bottom Port 4" Socket

SKR1xxxF

Single Bottom Port 6" Socket

- 14-15/16 -- 5-1/4 SKR2xxx 7-7/16 Standard Skimmer with Flush Face 19-21/3 **Dual Bottom Port** 2½" Spigot x 2" Socket SKR2xxxD 2-1/2" spigot x 4" Socket 2" socket x 2" NPT

Standard Flush Face Round Lid

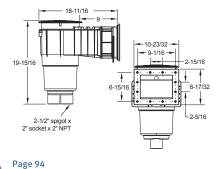
Page 93

Page 95

Single Bottom Port

SKR2xxxF Single Bottom Port 6" Socket

Narrow 9" Deep Round Lid



SKRVFL3Nxxx

with Float Assembly **Dual Bottom Port** 2½" Spigot x 2" Socket

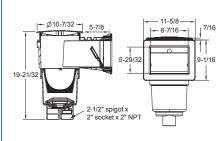
SKRVFL3NxxxD

Single Bottom Port 4" Socket

SKRVFL3NxxxF

Single Bottom Port 6" Socket

5" Deep Round Lid



SKRFL12xxx

with Float Assembly **Dual Bottom Port** 2½" Spigot x 2" Socket

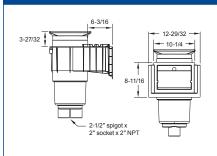
SKRFL12xxxD

Single Bottom Port 4" Socket

SKRFL12xxxF

Single Bottom Port 6" Socket

Standard Waterstop Face Square Lid



SK64xxx Square Lid and Collar (sold separately)

SKR1xxx

Standard Skimmer with Waterstop Face **Dual Bottom Port** 2½" Spigot x 2" Socket

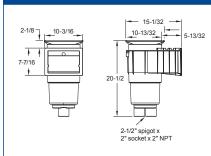
SKR1xxxD

Single Bottom Port 4" Socket

SKR1xxxF

Single Bottom Port 6" Socket

Standard Flush Face Square Lid



SK64xxx Square Lid and Collar (sold separately)

SKR2xxx

Standard Skimmer with Flush Face **Dual Bottom Port** 2½" Spigot x 2" Socket

SKR2xxxD

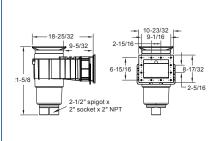
Single Bottom Port 4" Socket

SKR2xxxF

Single Bottom Port 6" Socket

Narrow 9" Deep Square Lid

Page 92



SK64xxx Square Lid and Collar (sold separately)

SKRVFL3Nxxx

with Float Assembly **Dual Bottom Port** 21/2" Spigot x 2" Socket

SKRVFL3NxxxD

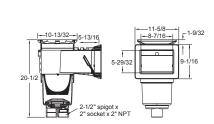
Single Bottom Port 4" Socket

SKRVFL3NxxxF

Single Bottom Port 6" Socket

5" Deep Square Lid

Page 93



SK64xxx Square Lid and Collar (sold separately)

SKRFL12xxx

with Float Assembly **Dual Bottom Port** 21/2" Spigot x 2" Socket

SKRFL12xxxD

Single Bottom Port 4" Socket

SKRFL12xxxF

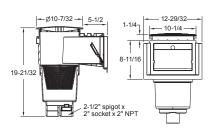
Single Bottom Port 6" Socket

Page 94

SKIMMER OPTIONS AND ACCESSORIES



Standard Waterstop Face Round/Square Lid



SK65xxx Snap-in Round/Square Lid and Collar (sold separately)

SKR1FLxxx

with Float Assembly Dual Bottom Port 2½" Spigot x 2" Socket

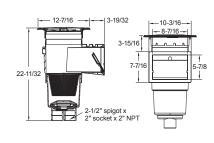
SKR1FLxxxD

Single Bottom Port 4" Socket

SKR1FLxxxF

Single Bottom Port 6" Socket

Standard Flush Face Round/Square Lid



SK65xxx Snap-in Round/Square Lid and Collar (sold separately)

SKR2FLxxx

with Float Assembly
Dual Bottom Port
2½" Spigot x 2" Socket

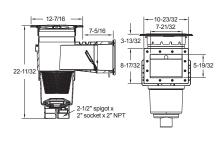
SKR2FLxxxD

Single Bottom Port 4" Socket

SKR2FLxxxF

Single Bottom Port 6" Socket

Narrow 9" Deep Round/Square Lid



SK65xxx Snap-in Round/Square Lid and Collar (sold separately)

SKRVFL3Nxxx

with Float Assembly Dual Bottom Port 2½" Spigot x 2" Socket

SKRVFL3NxxxD Single Bottom Port 4" Socket

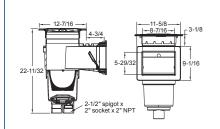
SKRVFL3NxxxF

Single Bottom Port 6" Socket

5" Deep Snap-in Round/Square Lid

Page 97

Page 99



SK65xxx Snap-in Round/Square Lid and Collar (sold separately)

SKR12FLxxx

with Float Assembly
Dual Bottom Port
2½" Spigot x 2" Socket

SKR12FLxxxD

Single Bottom Port 4" Socket

SKR12FLxxxF

Single Bottom Port 6" Socket

Skimmer Basket

Page 98

Page 96



Large self-contained basket locks in to remain in place during on and off pump cycles

Part # SK6

50/case

24/case

3" Skimmer Extension Collar



Stack multiple collars to reach desired deck or bond beam height

Fits into AquaStar and most standard round skimmer collars (Sta-Rite/Pentair)

Part # SECxxx

20/case

Float Assembly



O-ring gasket seals and locks float to remain at desired level during on and off pump cycles

Part # SKFL101

$Weir\ Plate\ Assembly\ for\ Standard\ \&\ Vinyl/Fiberglass\ Skimmers$



Weir plate noise is reduced with underwater tabs in front face of skimmers

Now includes weir clip locks to secure weir clips in place

Part # SKWDxxx

24/case

SKIMMER ACCESSORIES

















SKIMMER ACCESSORIES

STANDARD COLORS

101

102





108

Round/Square Snap-in Lid and Collar



Round lid snaps-in to square housing

UV tested to latest standard

Optional custom name/ logo insert p/n SK65xxxA (minimum 100-piece order)

Fits AquaStar and most standard skimmers (Sta-Rite/Pentair)

Part # SK65xxx

8/case

Weir Plate Assembly for ZarStar[™] Skimmers



Weir plate noise is reduced with underwater tabs in front face of skimmers

Weir clip lock secures the clips in the weir door

Part # SKZ112xxx

12/case

Large Basket for ZarStar™ Skimmer and Pre-Filter



Large 19½" size basket filters more debris than standard size skimmer baskets

Allows debris to be pre-filtered before entering pump and filter baskets

Part # SKZ214101 9/case

Basket Adapter for ZarStar™ Pre-Filter



Attaches pre-filter basket to pre-filter body

Part # SKZ217101 18/case

Filter Lock-Down Ring for ZarStar™ Skimmer



Locks down filter bag and basket into the skimmer body

Part # SKZ218101 24/case

Vacuum Thread Adapter for ZarStar™ Skimmer and Pre-Filter



Enables suction side vacuum to be attached to skimmer or pre-filter instead of using a wall vacuum port

Part # SKZ219101

24/case

Filter Bag for ZarStar™ Skimmer and Pre-Filter



300-micron filter bag allows debris to be pre-filtered before entering the pump and filter baskets

Part # SKZ216101

24/case

All AquaStar products are made in the U.S.



Every AquaStar pool product is designed and manufactured in the United States, ensuring the highest quality merchandise.
Our entire product line is designed to provide the very best look, feel and performance.



StarzTruck® Automatic Suction Pool Cleaner for Concrete and Vinyl/Fiberglass Pools

Features

Programmed movement for better cleaning

Efficient, quiet operation

Highly engineered for durability

Simple installation, no additional tools required

Vinyl/fiberglass or concrete

Easy grip roll bar handle

Private label grill insert available

Patent-pending design

Kit includes cleaner, nine connector hoses, one leader hose, regulator valve, skimmer cone, safety vacuum lock wall fitting, flow gauge and owner's manual

Replacement parts and kits available from ProStar® Replacement Parts, see pages 124-131

1 per case

U.S. patent D654232

STARZTRUCK® driving your pool clean®



Part # SZTxxxx-H (concrete) SZTVxxxx-H (vinyl/fiberglass) Includes flow gauge, hoses, regulator valve, skimmer cone and safety vacuum lock wall fitting

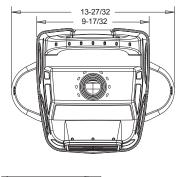
Part Numbers / Colors

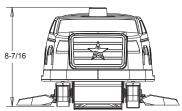
- White/White/White*
 SZT0101-H Concrete
 SZTV0101-H Vinyl/Fiberglass
- Black/Black/Black/Black*
 SZT0202-H Concrete
 SZTV0202-H Vinyl/Fiberglass
- Grey/Black/Black/Grey*
- SZT0302-H Concrete SZTV0302-H Vinyl/Fiberglass
- Aqua Blue/White/White/White*

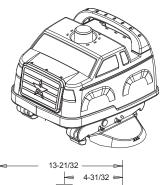
 SZT1601-H Concrete

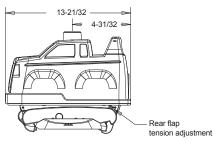
 SZTV1601-H Vinyl/Fiberglass

*Top/Bottom/Handle & Grill/Hose













ChemStar® In-line Chlorinator

Features

For permanent installation in return line on pressure side of pump, downstream of all equipment, in new or existing pools or spas

Standard with 2-inch slip PVC fittings and adapters for $1\frac{1}{2}$ inch

Completely enclosed system – no escaping gases, so no special venting is required

50 PSI maximum operating pressure

External fine control valve adjusts the feed rate to meet specific pool or spa needs

Top-load large or small Trichlor or Bromine slow-dissolving tablets enables an effective, trouble-free way to sanitize pool or spa

Replacement parts and kits available from ProStar® Replacement Parts, see pages 140-144

1 per case

U.S. patents pending

STANDARD COLORS

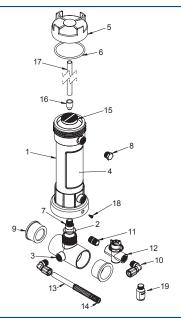
WHITE

ChemStar





Part # CH100



- 1. body
- 2. O-ring, #128, viton
- 3. Diverter tee
- 4. Label
- 5. 3" threaded cap
- 6. O-ring, #343, viton
- 7. Check valve
- 8. 1/2" MPT PVC plug
- 9. 2" x 1-1/2" S x S bushing, qty 2
- 10. 1/2" NPT x tube fitting with nut, qty 211. 1/2" x short MPT nipple
- 12. 1/2" chlorine control valve
- 13. 5/8" OD chlorinator tube
- 14. Tube support spring
- 15. Screen
- 16. Standpipe adapter
- 17. 5/8" OD 18" tube (optional top feed)
- 18. #8 x 1/2" Ig slotted hex head screw
- 19. O-ring silicone lube

ChemStar® Off-line Chlorinator

Features

Freestanding model is ideal for retrofitting existing pools for automatic sanitization

Installs easily on the pressure side of the pump, downstream of the filter and heater

Standard with 2-inch slip PVC fittings and adapters for 1½ inch

Completely enclosed system - no escaping gases, so no special venting is required

50 PSI maximum operating pressure

External fine control valve adjusts the feed rate to meet specific pool or spa needs

Top-load large or small Trichlor or Bromine slow-dissolving tablets enables an effective, trouble-free way to sanitize pool or spa

Replacement parts and kits available from ProStar® Replacement Parts, see pages 140-144

1 per case

U.S. patents pending

STANDARD COLORS

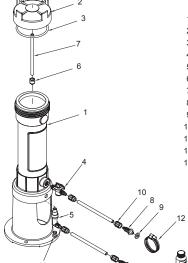
WHITE

ChemStar





Part # CH200



- 1. Body assembly, stand, offline feeder
- 2. 3" threaded cap
- 3. O-ring, cap, #343, viton
- 4. Control valve, offline feeder
- 5. Check valve elbow
- 6. Standpipe adapter
- 7. Standpipe, qty 3
- 8. Saddle tube fitting, qty 2
- 9. Saddle gasket, qty 2
- 10. Compression nut, qty 2 11. 1/4" NPT plug, optional
- 12. Saddle clamp, qty 2
- 13. O-ring silicone lube

Ultimate Ozone[™] This Generation Corona Discharge

Features

Reduces chlorine use

Low energy cost

Clearer, cleaner water

Kills harmful microorganisms

Eradicates oils and other impurities

Will not dry out skin or irritate eyes

CE approved components

U1000

Power requirements: 110/120 volts

.28 amps

Ozone output: 1 gram per hour / 24 grams a day

U2000

Power Requirements: 110/120 volts

.56 amps

Double the output of the U1000

Ozone output: 2 grams per hour / 48 grams a day

U.S. patents pending

NEW





Part # OZG4017

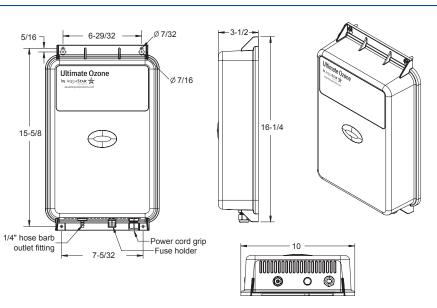




Optional Accessories

Ozone Compatible 1/4" Tubing OZG4016

Ozone Diffuser Stone OZG4017





Fillable Friends®

Fillable Friends is a new twist on mosaic designs. Instead of using a tile-filled mosaic design, you simply fill the patented pre-fabricated stencil with any fillable media you want, transforming the stencil into a beautiful piece of art. Fillable Friend stencils can be filled with plaster, pebble, glass beads, concrete and more. Now there's a simple and inexpensive alternative to costly tile designs. Jazz up your pool, spa, walkways or walls with Fillable Friends designs.

Stencils are available in two standard colors: White or Dark Gray.

STANDARD STENCIL COLORS

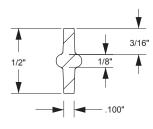
01

Code Key

Example: F1xxx-xx

F1 – Stencil xxx – Stencil Number xx – Stencil Color (i.e. 01 = white)

Typical cross section of all fillable friends



Cross Section

Typical non-filled stencil

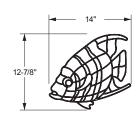


Angel Fish Stencil

Size: 14" x 127/8"

Stencil only: part # F1002-xx

6 per case





Picture shows an example of a filled Angel Fish

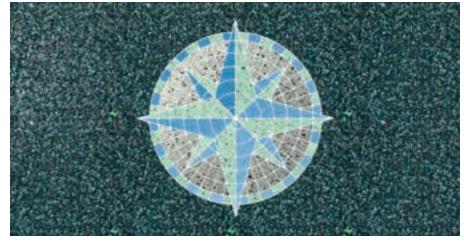
Compass Stencil

Size: 17³/₄" x 17³/₄"

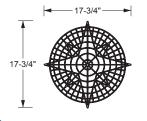
Stencil only: part # F1001-xx

6 per case

U.S. and foreign patents pending



Picture shows an example of a filled Compass



Crab Stencil

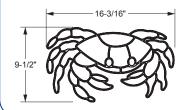
Size: 16³/₁₆" x 9¹/₂"

Stencil only: part # F1003-xx

6 per case



Picture shows an example of a filled Crab



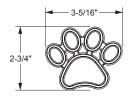
Dog Paw Stencil

Size: 35/16" x 23/4"

Stencil only: part # F1004-xx

Set of 4 6 sets per case

U.S. and foreign patents pending





Picture shows an example of a filled Dog Paw

Dolphin Stencil

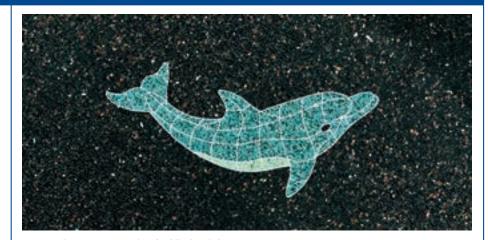
Size:

15³/₄" x 14⁵/₈" medium 19⁵/₈" x 18¹/₄" large

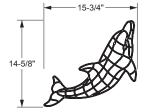
Medium stencil only: part # F1015-xx 6 per case

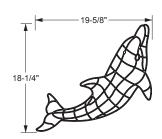
Large stencil only: part # F1016-xx 6 per case

Set of 1 Medium and 1 Large Dolphin stencil: part # F1029-xx 6 sets per case



Picture shows an example of a filled Dolphin





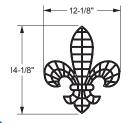
Fleur de Lis Stencil

Size: 121/8" x 141/8"

Stencil only: part # F1005-xx

6 per case

U.S. and foreign patents pending





Picture shows an example of a filled Fleur de Lis

Footprint Stencil

Size:

5 5/8" x 75/8" small 7" x 9 1/2" medium

Small stencil only: part # F1019-xx

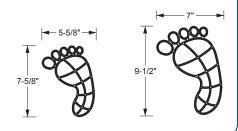
Medium stencil only: part # F1020-xx

Reversible (left or right)

Set of 2 6 sets per case



Picture shows an example of a filled Footprint



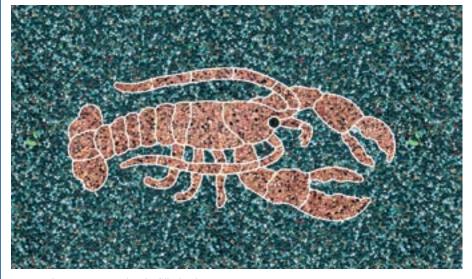
Lobster Stencil

Size: 17¹¹/₁₆" x 8³/₈"

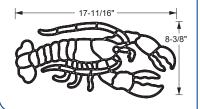
Stencil only: part # F1006-xx

6 per case

U.S. and foreign patents pending



Picture shows an example of a filled Lobster

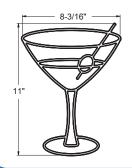


Martini Glass Stencil

Size: 83/16" x 11"

Stencil only: part # F1025-xx

6 per case





Picture shows an example of a filled Martini Glass

Mermaid Stencil

Size: 31½" x 145/16"

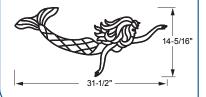
Stencil only: part # F1007-xx

6 per case

U.S. and foreign patents pending



Picture shows an example of a filled Mermaid

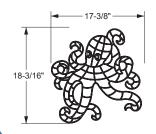


Octopus Stencil

Size: 17³/₈" x 18³/₁₆"

Stencil only: part # F1008-xx

6 per case





Picture shows an example of a filled Octopus

Palm Tree Stencil

Size:

8" x 11⁵/₈" small 12¹³/₁₆" x 17³/₄" medium

Small stencil only: part # F1026-xx

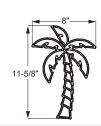
Medium stencil only: part # F1027-xx

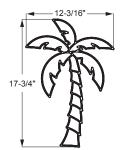
6 per case

U.S. and foreign patents pending



Picture shows an example of a filled Palm Tree





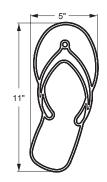
Sandal Stencil

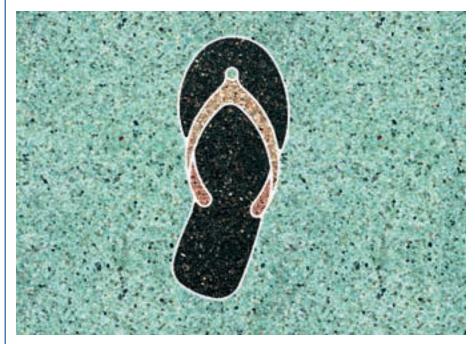
Size: 5" x 11"

Stencil only: part # F1028-xx

Reversible (left or right)

Set of 2 6 sets per case





Picture shows an example of a filled Sandal

Seahorse Stencil

Size:

7½" x 17¹⁵/16" medium 9¾8" x 22¾8" large

Medium stencil only: part # F1017-xx

Large stencil only: part # F1018-xx

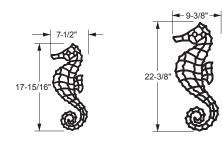
6 per case

Set of 1 Medium and 1 Large Seahorse stencil: part # F1031-xx 6 sets per case

U.S. and foreign patents pending



Picture shows an example of a filled Seahorse

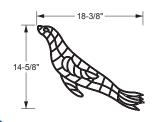


Sea Lion Stencil

Size: 183/8" x 145/8"

Stencil only: part # F1009-xx

6 per case





Picture shows an example of a filled Sea Lion

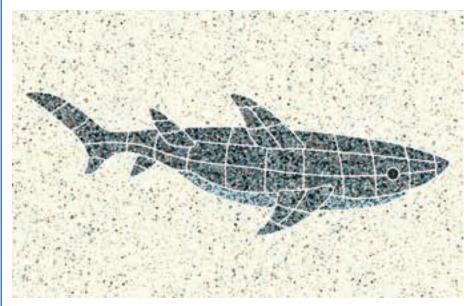
Shark Stencil

Size: 217/8" x 75/8"

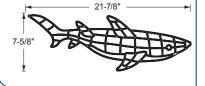
Stencil only: part # F1010-xx

6 per case

U.S. and foreign patents pending



Picture shows an example of a filled Shark



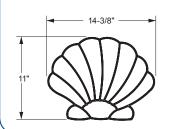
Shell Stencil

Size: 143/8" x 11"

Stencil only: part # F1011-xx

Reversible (left or right)

6 per case





Picture shows an example of a filled Shell

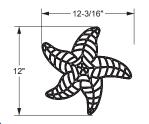
Starfish Stencil

Size: 12³/₁₆" x 12"

Stencil only: part # F1012-xx

6 per case

U.S. and foreign patents pending





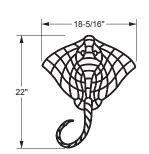
Picture shows an example of a filled Starfish

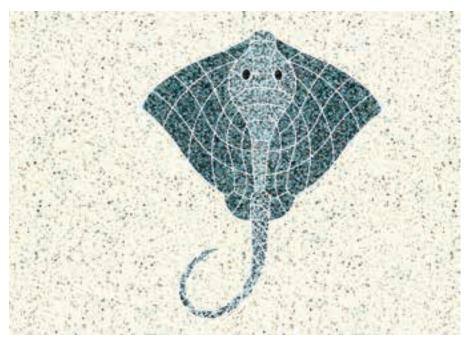
Stingray Stencil

Size: 185/16" x 22"

Stencil only: part # F1013-xx

6 per case





Picture shows an example of a filled Stingray

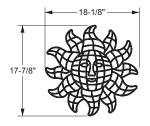
Sun Stencil

Size: 181/8" x 177/8"

Stencil only: part # F1014-xx

6 per case

U.S. and foreign patents pending





Picture shows an example of a filled Sun

Turtle Stencil

Size:

14½" x 11¾" small 17¾" x 14½" medium 22½" x 18¼" large

Small stencil only: part # F1022-xx 6 per case

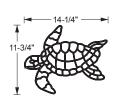
Medium stencil only: part # F1023-xx 6 per case

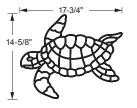
Large stencil only: part # F1024-xx 6 per case

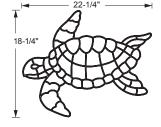
Set of 1 Small, 1 Medium and 1 Large Turtle stencil: part # F1030-xx 6 sets per case

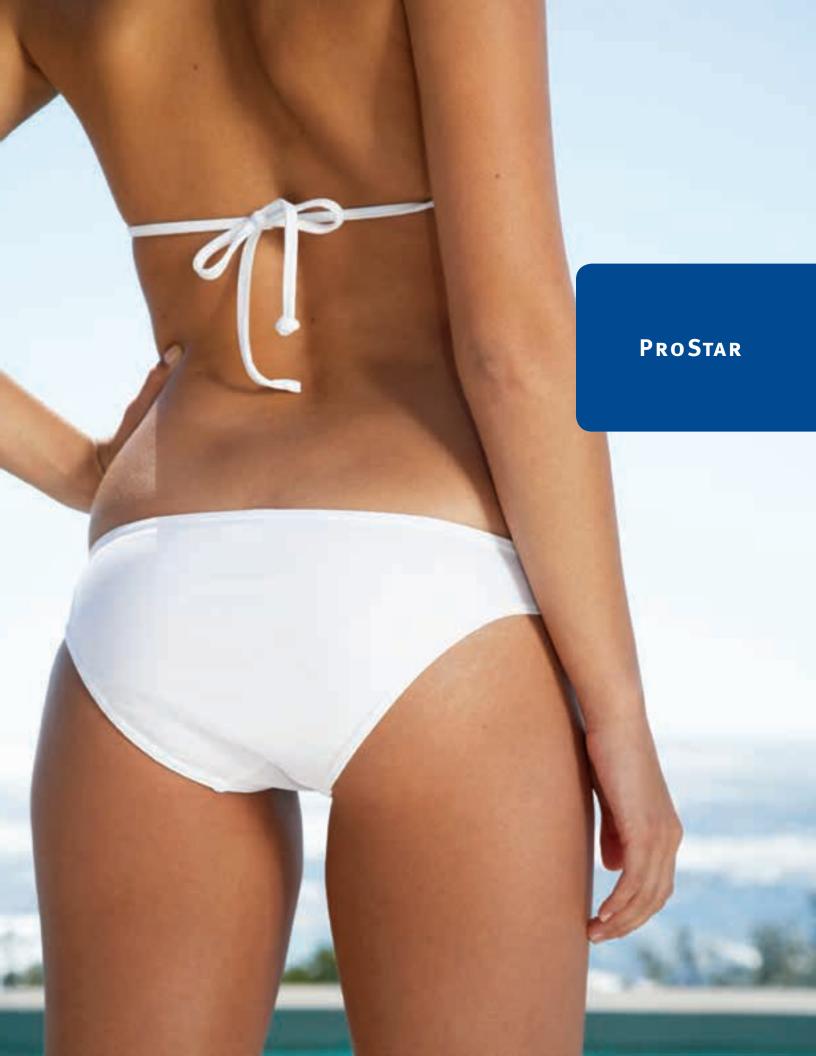


Picture shows an example of a filled Turtle









PROSTAR® ALL-AMERICAN REPLACEMENT PARTS FOR THE STARZTRUCK® AUTOMATIC POOL CLEANER

- 1. Top Shell HWN121xx
- 2. Cone Gear HWN122
- 3. Intermediate Gear HWN123
- 4. Intermediate Gear Shaft HWN124
- 5. Spindle Gear Screw HWN125
- 6. Spindle Gear HWN126
- 7. Spindle Gear Bushing HWN127
- 8. Cone Gear Bushing HWN128
- 9. Upper Middle Body HWN129
- Upper Body Screw Kit (Six Pack) HWN130
- Medium Turbine Drive Gear HWN131
- 12. Medium Turbine HWN132
- 13. Medium Turbine Case with Axle HWN133
- 14. Gear Box Assembly HWN134
- 15. Rear Screen HWN135xx
- 16. Float Kit (Two Pack) HWN136
- 17. Lower Middle Body HWN137
- 18. Bumper HWN138xx

- Middle Body Screw (Six Pack) HWN139
- 20. Lower Body Screw (Four Pack) HWN140
- 21. Flap Adjuster HWN141
- 22. Lower Body HWN142xx
- 23. Flap Kit HWN143xx
- 24. Pod Screw Kit HWN110
- 25. Pod Plugs (Six Pack) HWN111
- 26. Wing Kit: Left and Right Wings HWN117xx
- 27a. Pod Shoes (Four Pack) for Vinyl HWN114
- 27b. Pod Shoes (Four Pack) for Concrete HWN115
- 28. Captive Screw / Retaining Clip
 HWN148
- 29a. Fixed Access Cover Assembly for Concrete Models HWN149xx
- 29b. Fixed Access Cover Assembly for Vinvl Models HWN157xx
- 30. Pod Kit HWN116xx
- 31. Turbine Bearings HWN112

- 32. Skimmer Cone HWN152
- 33. Leaf Canister HWN162
- 34. Regulator Valve HWN161
- Safety Vacuum Lock Wall Fitting VLK15Txx
- 36. Flow Gauge HWN153
- 37. Hose Connector HWN158
- 38. Four-Foot Regular Hose SZTHxx
- 39. Four-Foot Leader Hose SZTHLxx

REPLACEMENT KITS

Medium Turbine/Spindle Gear Kit HWN154 (see page 131)

Universal A-Frame Kit HWN118 (see page 131)

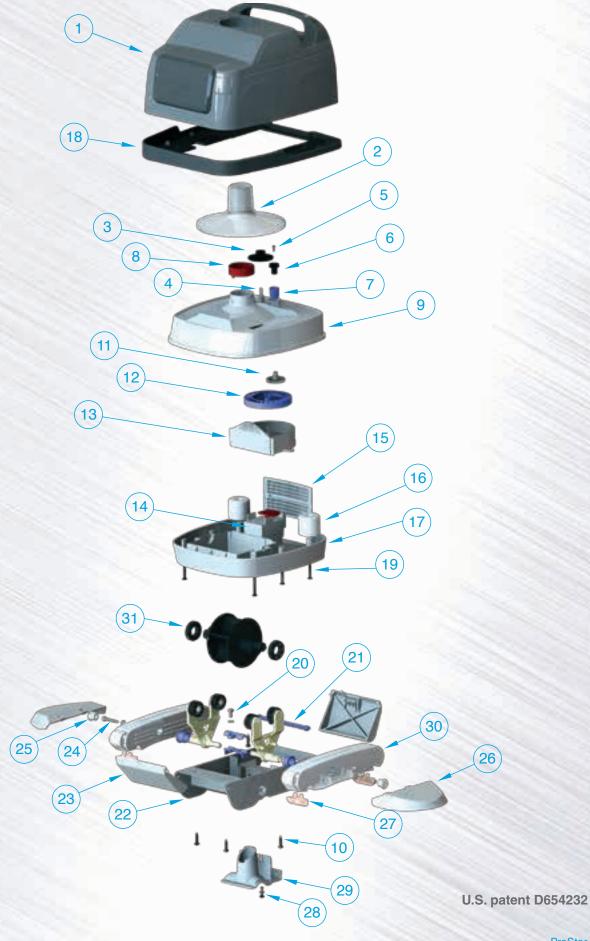
Turbine Kit HWN113 (see page 131)

Propulsion/Conversion Kit HWN160 (see page 131)

A-Frame and Turbine Kit HWN119 (see page 131)

A-Frame Bushing and Saddle Kit HWN120 (see page 131)





ProStar # HWN121xx REPLACES # AXV411LG



Top Shell U.S. patent D654232

ProStar # HWN122
REPLACES # AXV070



Cone Gear, Clear

3

ProStar # HWN123 REPLACES # AXV301



Intermediate Gear

4

ProStar # HWN124 REPLACES # AXV309



Intermediate Gear Shaft

5

ProStar # HWN125 REPLACES # AXV068



Spindle Gear Screw

6

ProStar # HWN126 REPLACES # AXV303



Spindle Gear

7

ProStar # HWN127 REPLACES # AXV066A



Spindle Gear Bushing



ProStar # HWN128 REPLACES # AXV306



Cone Gear Bushing

ProStar # HWN129 REPLACES # AXV060WH

ProStar # HWN130 REPLACES # AXV065P



Upper Middle Body



Upper Body Screw Kit (6 Pack)

ProStar # HWN131 REPLACES # AXV064A



Medium Turbine Drive Gear

ProStar # HWN132
REPLACES # AXV062C



Medium Turbine

ProStar # HWN133
REPLACES # AXV009



Medium Turbine Case with Axle



Gear Box Assembly

ProStar # HWN135xx
REPLACES # AXV051AWH



Rear Screen

ProStar # HWN136 REPLACES # AXV054P





Float Kit (2 Pack)

ProStar # HWN137 REPLACES # AXV050CHW



Lower Middle Body

ProStar # HWN138xx REPLACES # AXV605WHP



Bumper

ProStar # HWN139 REPLACES # AXV057P



Middle Body Screw (6 Pack)

ProStar # HWN140 REPLACES # AXV313



Lower Body Screw (4 Pack)

ProStar # HWN141 REPLACES # AXV031B



Flap Adjuster

ProStar # HWN142xx REPLACES # AXV230DBKXWH



Lower Body

ProStar # HWN143xx REPLACES # AXV434BKP



Flap Kit: Front and Rear Flaps and Springs

ProStar # HWN110 REPLACES # AXV015P



Pod Screw Kit: 2 Hex Headscrews, 2 Washers

ProStar # HWN111
REPLACES # AXV016P



Pod Plugs (6 Pack)

ProStar # HWN117xx REPLACES # AXV604WHP



Wing Kit: Left and Right Wings

ProStar # HWN114
REPLACES # AXV413P



Pod Shoes: Vinyl and Fiberglass (4 Pack)

ProStar # HWN115
REPLACES # AXV414P



Pod Shoes: Concrete (4 Pack)

ProStar # HWN148
REPLACES # AXV314P



Captive Screw / Retaining Clip

ProStar # HWN149xx REPLACES # AXV603



Fixed Access Cover Assembly for Concrete Models

ProStar # HWN149Vxx REPLACES # AXV603A



Fixed Access Cover Assembly for Vinyl Models

ProStar # HWN116xx REPLACES # AXV417WHP



Pod Kit: Left and Right Pods, Plugs, Screws, Washers

ProStar # HWN112 REPLACES # AXV055P





Turbine Bearings (2 Pack)

ProStar # HWN162
REPLACES # W560



Leaf Canister

ProStar # VLK15Txx
REPLACES # W4008WHP



Safety Vacuum Lock Wall Fitting (1½" NPT) Part # VLK20Txx (2" NPT) Meets SPS-4-2009 Standard

ProStar # HWN158
REPLACES # AXV092



Hose Connector

ProStar # HWN152
REPLACES # AXV093CP



Skimmer Cone

ProStar # HWN161
REPLACES # V094P



Regulator Valve

ProStar # HWN153
REPLACES # AXV574P



Flow Gauge

ProStar # SZTHxx REPLACES # V109

4-Foot Regular Hose

ProStar # SZTHLxx REPLACES # V532

4-Foot Leader Hose



PROSTAR® REPLACEMENT KITS

We've made pool equipment service and repair a lot easier with these convenient replacement kits, shown below. Each kit is a complete grouping that contains everything you need for that particular repair. To stock up on individual replacement parts, see pages 126-130.

ProStar # HWN154 REPLACES # AXV079VP



Medium Turbine/Spindle Gear Kit

ProStar # HWN118 REPLACES # AXV621D



Universal A-Frame Kit

ProStar # HWN113 REPLACES # AXV602P/112P



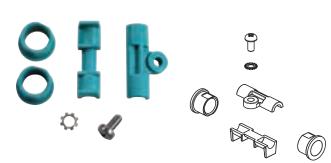
Turbine Kit: Turbine and Two Turbine Bearings

ProStar # HWN119 REPLACES # AXV621DAT



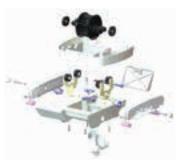
A-Frame and Turbine Kit

ProStar # HWN120 REPLACES # AXV699P

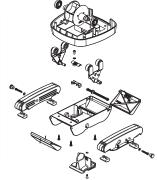


A-Frame Bushing and Saddle Kit

ProStar # HWN160xx REPLACES # AXV622DPK



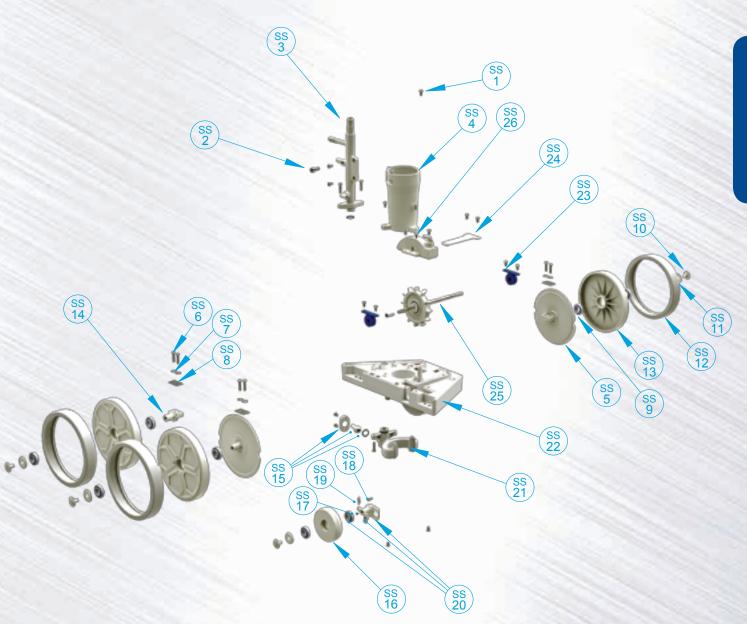




131

PROSTAR® ALL-AMERICAN REPLACEMENT PARTS FOR AUTOMATIC PRESSURE SIDE POOL CLEANERS P180/280

- SS1 P2031 Screw 10-32x3/8
- SS2 P2043 Adjustment Screw, Sweep Hose
- SS3 P2048 Feed Pipe
- SS4 P1032 Vacuum Tube
- SS5 P1004 Large Axle with Washer and Sand Guard
- SS6 P2042 10-32x7/8 Screw
- SS7 P2038 Lock Washer
- SS8 P2016 Axle Plate
- SS9 P1005 Ball Bearing for Wheels
- SS11 P2014 Wheel Screw
- SS11 P2013 Wheel Washer
- SS12 P2015 Tire
- SS13 P2012 Wheel
- SS14 P2017 Rear Wheel Axle and Washer
- SS15 P1035 Thrust Jet Kit
- SS16 P2022 Small Idler Wheel
- SS17 P2035 4-40x3/16" Screw
- SS18 P2036 6-32x1/2" Screw
- SS19 P2037 Spring
- SS20 P1036 Swing Axle Kit
- SS21 P1009 Water Management System
- SS22 P1017 Frame
- SS23 P1002 Ball Bearings for Turbine
- SS24 P2003 Turbine Shaft Seal
- SS25 P1001 Drive Shaft, Assembled
- SS26 P2046 Turbine Cover with Elbow



SS1 ProStar # P2031

SS2 ProStar # P2043 **REPLACES # B-20**





Screw 10-32x3/8 SS Pan Head

Adjustment Screw for Sweep Hose

ProStar # P2048



ProStar # P1032





Feed Pipe

Vacuum Tube

ProStar # P1004



ProStar # P2042 **REPLACES # C-76**





Large Axle with Washer and Sand Guard

10-32 x 7/8" SS Pan Head Screw

SS7 ProStar # P2038

SS8 ProStar # P2016 **REPLACES # C-70**





Lock Washer

Axle Plate

SS9 ProStar # P1005







Ball Bearing for Wheels

Wheel Screw

SS11 ProStar # P2013 REPLACES # C-64







Wheel Washer

Tire

SS13 ProStar # P2012 REPLACES # C-6



Wheel

SS14 ProStar # P2017



Rear Wheel Axle and Washer

SS15 ProStar # P1035 REPLACES # C-131



Thrust Jet Kit

SS16 ProStar # P2022 REPLACES # C-16



Small Idler Wheel

SS17 ProStar # P2035 REPLACES # C-30



4-40x3/16" SS Pan Head Screw

SS18 ProStar # P2036 REPLACES # C-32



6-32x1/2" SS Pan Head Screw

SS19 ProStar # P2037

SS20 ProStar # P1036 **REPLACES # C-36**





Spring

Swing Axle Kit

SS21 ProStar # P1009



ProStar # P1017



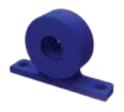


Water Management System

Frame

SS23 ProStar # P1002 REPLACES # C-80

ProStar # P2003





Ball Bearings, Turbine

Turbine Shaft Seal

SS25 ProStar # P1001 REPLACES # C-86

SS26 ProStar # P2046 REPLACES # C-110

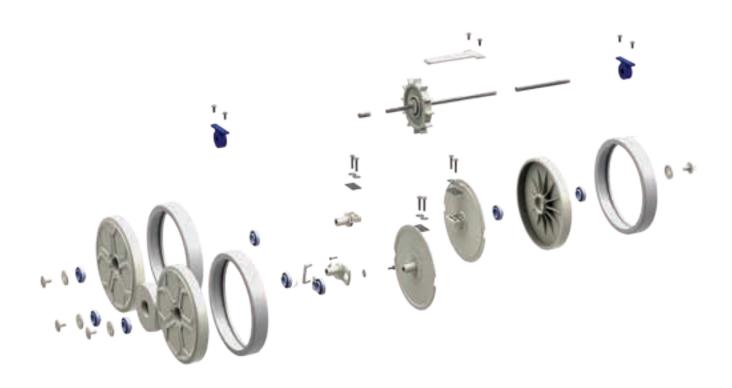




Drive Shaft, Assembled

Turbine Cover with Elbow

ProStar # SSC100 REPLACES # A-49



Complete Rebuild Kit

PROSTAR MISCELLANEOUS REPLACEMENT PARTS

Brass Inserts with Stainless Steel Screws for Suction Outlet Retrofits

Custom brass cement anchors (4); and stainless steel #316 pan head machine screws (4)

Mount, drill and epoxy directly into pool finish using a 5/16" masonry drill bit and two-part wet/dry epoxy

Install with accompanying stainless steel #316 pan head machine screws

No need to use existing frame

Perfect for odd-sized sumps or non-structural frames/sumps

Use with four outside holes on p/n 914xxx for sumps/frames up to 13"

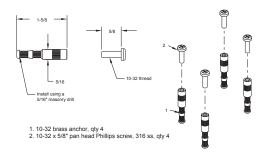
Use with four outside holes on p/n 1216xxx for sumps/frames up to 15"

Use with three outside frame holes on p/n A10RCFRxxx for sumps/frames up to 10"

Set of 4, 1 set/case



Part # BIK4 (4-pack)



To retrofit all existing sumps/frames up to 15", anchor directly into the pool finish using the extra holes on 1216xxx, 914xxx or A10RCFRxxx

Pump Strainer Cover, Thread Style

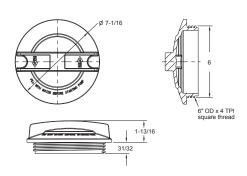
Universal lid adapts to other brands' pumps, replaces p/n SPX3100D

Manufactured from superior UV-resistant engineered polymers

25 per case



Part # HWPL100



Socket and Jet Removal Tool for Most Major Brand Return Fittings

Perfect for homeowners and pool service professionals to make adjustments to jet or directional eyeball locking ring

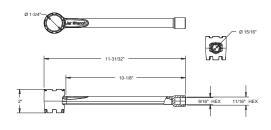
Manufactured from super strong GF nylon

Two size hex sockets on end of wrench allow for jet removal or adjustment of most styles

Fits most adjustable eyeball locking rings

25 per case





PROSTAR® ALL-AMERICAN REPLACEMENT PARTS

CH100 IN-LINE CHLORINATOR

- CH1 CH1004 3" Threaded Cap for CH100 / CH200
- CH2 CH1009 3" O-Ring for CH100 / CH200
- CH3 CH1029 Screen for CH100
- CH4 CH1048 Silicone Lubricant for CH100 / CH200
- CH1-5 CH1031 5/8" OD 18" Tube (optional top feed) for CH100
- CH1-6 CH1030 1/2" Bromine Standpipe Adapter for CH100
- CH1-7 CH1015 1/2" MPT PVC Plug for CH100
- CH1-8 CH1036 #8 x 1/2" Large Slotted Hex Head Lock Screw for CH100
- CH1-9 CH1018 1/2" x Short MPT Nipple for CH100
- CH1-10 CH1019 1/2" Chlorine Control Valve for CH100
- CH1-11 CH1017 1/2" 90 NPT x Tube Fitting with Nut for CH100
- CH1-12 CH1016 2" x 11/2" SxS Bushing for CH100
- CH1-13 CH1027 Tube Support Spring for CH100
- CH1-14 CH1026 5/8" OD Short Feeder Tube for CH100
- CH1-15 CH1005 Diverter Tee for CH100
- CH1-16 CH1010 Check Valve for CH100





SPECIALLY DESIGNED FOR CHEMSTAR™ CHLORINATORS

CH200 OFF-LINE CHLORINATOR CH1 CH1004 3" Threaded Cap for CH100 / CH200

CH2 CH1009 3" O-Ring for CH100 / CH200 CH4 CH1048 Silicone Lubricant for CH100 / CH200 CH2-5 CH1065 1/4" Chlorine Control Valve for CH200 CH2-6 CH1056 Saddle Tube Fitting for CH200 CH2-7 CH1057 Saddle Gasket for CH200 CH2-8 CH1066 Saddle Clamp for CH200 CH2-9 CH1075 Parts Bag for CH200 CH2-10 CH1074 3/8" OD x 1/4" ID Tubing 8' for CH200

CH₁

ProStar # CH1004 REPLACES # R172008W



3" Threaded Cap for CH100 / CH200

CH2

ProStar # CH1009 REPLACES # R172009



3" O-Ring for CH100 / CH200

CH3

ProStar # CH1029 REPLACES # R172255



Screen for CH100

CH4

ProStar # CH1048 REPLACES # R172036



Silicone Lubricant for CH100 / CH200

CH1-5

ProStar # CH1031 REPLACES # R172253



5/8" OD 18" Tube (optional top feed) for CH100

CH1-6

ProStar # CH1030 REPLACES # R172048B



1/2" Bromine Standpipe Adapter for CH100

CH1-7

ProStar # CH1015 REPLACES # R172134



1/2" MPT PVC Plug for CH100

CH1-8

ProStar # CH1036 REPLACES # R01052



#8 x 1/2" Large Slotted Hex Head Lock Screw for CH100

CH1-9 ProStar # CH1018
REPLACES # R172256



1/2" x Short MPT Nipple for CH100

CH1-10 ProStar # CH1019
REPLACES # R172086



1/2" Chlorine Control Valve for CH100

CH1-11 ProStar # CH1017
REPLACES # R172272



1/2" 90 NPT x Tube Fitting with Nut for CH100

CH1-12 ProStar # CH1016
REPLACES # R172210



 $2" \times 1\frac{1}{2}" SxS$ Bushing for CH100

CH1-13 ProStar # CH1027



Tube Support Spring for CH100

CH1-14 ProStar # CH1026
REPLACES # R172091



5/8" OD Short Feeder Tube for CH100

CH1-15 ProStar # CH1005
REPLACES # R172317



Diverter Tee for CH100

CH1-16 ProStar # CH1010
REPLACES # R172248



Check Valve for CH100

CH2-5 ProStar # CH1065 **REPLACES # R172060**



ProStar # CH1056 **REPLACES # R172262**





1/4" Chlorine Valve for CH200

Saddle Tube Fitting for CH200

CH2-7

ProStar # CH1057 **REPLACES # R172263**

CH2-8

ProStar # CH1066 **REPLACES # R172264**





Saddle Gasket for CH200

Saddle Clamp for CH200

CH2-9

ProStar # CH1075 **REPLACES # R172064**



Parts Bag for CH200

CH2-10

ProStar # CH1074 **REPLACES # R172023**



3/8" OD x 1/4" ID Tubing 8' for CH200

PROSTAR SCREW KITS

ProStar # SCW1001



SCREW KIT: 10 x 3/4 flat head Phillips (2), 10 x 1-1/4 flat head Phillips (2); **FOR** LP8AVWRxxx, 10LTxxx, 10AVRxxx

ProStar # SCW1002



SCREW KIT: 10 x 3/4 flat head Phillips (8), dog bone supports (4); **FOR** 32CDFLFRxxx, 32CDAVFRxxx

ProStar # SCW1003



SCREW KIT: 10 x 1-3/4 flat head Phillips (16); **FOR** WAV18WRxxx, P18xxx

ProStar # SCW1004



SCREW KIT: 10 x 3/4 flat head Phillips (16); **FOR** 32CDPHxxx, 32CDPHFRxxx

ProStar # SCW1006



SCREW KIT: 10 x 1 flat head Phillips (30), 10 x 3/4 flat head Phillips (8); **FOR** 32CDPHVxxx

ProStar # SCW1007



SCREW KIT: 10 x 1 flat head Phillips (30), 10 x 1-1/4 pan head Phillips (8); **FOR** 32CDPHFGxxx

ProStar # SCW1008



SCREW KIT: 10 x 1-3/4 flat head Phillips (4); **FOR** WAV9WRxxx, WAV12WRxxx

ProStar # SCW1009



SCREW KIT: 10 x 3/4 flat head Phillips (2); **FOR** GDDxxx

ProStar # SCW1010



SCREW KIT: 10 x 1 flat head Phillips (4), 10-24 x 1-1/4 flat head Phillips (4), 10 x 1-1/2 flat head Phillips (4); **FOR** R9MFxxx, R12MFxxx

ProStar # SCW1011





SCREW KIT: 10 x 1 pan head Phillips (8), 1-1/2 10 x 3/4 flat head Phillips (2); **FOR** 8HPSBVxxx

ProStar # SCW1012



SCREW KIT: 10 x 1-1/4 pan head Phillips (8), 10 x 3/4 flat head Phillips (8); **FOR** 32CDLTxxx, 32CDLTFxxx

ProStar # SCW1013



SCREW KIT: 10 x 3/4 flat head Phillips (30), 10 x 1-1/4 flat head Phillips (8); **FOR** 32CDAVVxxx, 32CDFLVxxx

ProStar # SCW1014



SCREW KIT: 10 x 1-1/4 pan head Phillips (8), 10 x 1 flat head Phillips (30); **FOR** 32CDLTVxxx

ProStar # SCW1016





SCREW KIT: 8-32 x 1-1/4 flat head Phillips (16), 10 x 3/4 flat head Phillips (24); FOR SUN18HPHxxx, RSUN18HPHxxx

ProStar # SCW1018



SCREW KIT: 8-32 x 1-1/4 flat head Phillips (16), 10 x 1 flat head Phillips (16), 10-24 x 1-1/4 flat head Phillips (16), 10 x 3/4 flat head Phillips (24); **FOR** RSUN18HPHRxxx

ProStar # SCW1019



SCREW KIT: 10-32 x 3/4 flat head Phillips (10); **FOR** FCxxx

ProStar # SCW1020



SCREW KIT: SCWA-6 concrete anchors (8), 10 x 3/4 flat head Phillips (8), 10 x 1 pan head Phillips (10); **FOR** 32PDxxx

ProStar # SCW1021



SCREW KIT: 10 x 3/4 flat head Phillips (16); **FOR** WAV24xxx, 24xxx

ProStar # SCW1022



SCREW KIT: 12 x 1-1/4 flat head Phillips (12); **FOR** SKRV3Nxxx

ProStar # SCW1023





SCREW KIT: 10-32 x 1 pan head Phillips (4), 10×1 flat head Phillips (4), 10×1 -1/2 flat head Phillips (4), 10×1 -1/4 flat head Phillips (4), 10×3 /4 flat head Phillips (4); **FOR** 1216xxx, 914xxx

ProStar # SCW1024



SCREW KIT: 12 x 1-3/4 flat head Phillips (12); **FOR** SKRF3Nxxx

ProStar # SCW1025





SCREW KIT: 10 x 3/4 pan head Phillips (4), 10-32 x 5/8 flat head Phillips (8); **FOR** A10RCFR2xxx

ProStar # SCW1026





SCREW KIT: 8 x 1/2 flat head Phillips (4), extender bushings (4); **FOR** RNDxxx

ProStar # SCW1027



SCREW KIT: 8 x 1-1/4 flat head Phillips (1); **FOR** 4DIVxxx

ProStar # SCW1029



SCREW KIT: 8-32 x 1-1/4 flat head Phillips (4); **FOR** 6HPxxx. 6HPHAxxx

ProStar # SCW1030



SCREW KIT: 8-32 x 1/2 flat head Phillips (3); **FOR** 4HPxxx

ProStar # SCW1032



SCREW KIT: 1/4" concrete anchors (3), large slide (2), small slide (2), 10-32 x 5/8 flat head Phillips (4), 10-32 x 5/16 pan head Phillips (2), 10 x 1 pan head Phillips (3), 8-32 x 3/4 pan head Phillips (2), 10-24 x 7/8 pan head Phillips (2), 10 x 3/4 pan head Phillips (2), 8 x 1 pan head Phillips (2), 8 x 3/4 pan head Phillips (2); **FOR** A10RCFRxxx

ProStar # SCW1034





SCREW KIT: 8-32 x 1-1/4 flat head Phillips (4), 10 x 3/4 flat head Phillips (4); **FOR** 8HPxxx

ProStar # SCW1035



SCREW KIT: 8-32 x 1-1/4 flat head Phillips (4), 10 x 3/4 flat head Phillips (2), plastic adapter bushings (2), 10-24 x 1/2 flat head Phillips (2); **FOR** R8HPxxx, R8MFxxx

ProStar # SCW1043



SCREW KIT: 10 x 1-1/4 flat head Phillips (30), 10 x 1-1/4 pan head Phillips (8); **FOR** 32CDLTFGxxx

ProStar # SCW1045



SCREW KIT: 10 x 3/4 flat head Phillips (4), $10 \times 1-1/4$ flat head Phillips (2); **FOR** A8Rxxx

ProStar # SCW1046



SCREW KIT: 10 x 3/4 flat head Phillips (8); **FOR** 32CDFLxxx, 32CDAVxxx, PS109xxx

ProStar # SCW1047



SCREW KIT: 10 x 1 flat head Phillips (4); **FOR** 8MFxxx, 9MFxxx, 10MFxxx, 12MFxxx

ProStar # SCW1048





SCREW KIT: 10 x 1 flat head Phillips (16); **FOR** 18MFxxx



ProStar Terms and Conditions

General:

All sales made by ProStar® are subject to these terms and conditions, unless otherwise agreed to in writing by a duly authorized officer of ProStar. In all cases of conflict between these terms and conditions and the requirements of any purchase order, these terms and conditions shall prevail.

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Minimum Order:

All orders must be a minimum of \$50.00 (not including freight charges).

Ordering:

Fax order to 877.276.POOL (7665) or email to info@aquastarpoolproducts.com. To ensure prompt and proper shipment please order by item #, color and product description. Be sure to include the correct item # (last two digits) for the color desired (i.e. 01=white, etc.).

Freight:

All shipments are FOB ProStar warehouse. Routing is subject to ProStar's discretion. Free freight is offered for orders of \$2,000 or more for shipment to the contiguous United States only.

Billing:

Unless payment is made by credit card, all new customer accounts are required to complete an ProStar credit application and receive credit approval prior to shipment. Please pay by invoice per the terms on the sales invoice. This invoice is binding on the parties and their respective directors, officers, employees, agents, subcontractors, successors and permitted assigns. Contact ProStar Accounting Department within 15 days of receipt if there are questions regarding the invoice or if you think the account is in error. There will be a \$20.00 minimum service charge on all NSF or returned checks. If the invoice is not paid within the invoice terms, ProStar may recover: a service charge of 1½% per month (18% annual percentage rate) on the past due amount, and any expenses and/or attorney's fees incurred in connection with attempts to collect the outstanding balance.

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All shipments must be inspected for freight damage, concealed or otherwise, at time of receipt. Any damage or product shortage must be both noted on the freight bill and reported to ProStar Accounting Department within 10 days of receipt. ProStar is committed to assist with all shortage and damage claims.

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ProStar is committed to and takes pride in the quality products that it manufactures. Accordingly, ProStar maintains high standards for the materials and workmanship that it invests in its products. ProStar warrants its products to be free from defects in material and workmanship for a period of 90 days from the date of original installation. This limited warranty will be applicable only if the product manufactured by ProStar is the sole and exclusive cause of a defect. Products that fail or become defective during the warranty period, except as a result of color-fading, improper installation, bad water chemistry, accidents or negligence on behalf of the owner, freezing, earthquakes, fire, floods or other acts of nature, shall be repaired or replaced at ProStar's option.

AquaStar Terms and Conditions

General:

All sales made by AquaStar® Pool Products, Inc. (AquaStar) are subject to these terms and conditions, unless otherwise agreed to in writing by a duly authorized officer of AquaStar. In all cases of conflict between these terms and conditions and the requirements of any purchase order, these terms and conditions shall prevail.

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All illustrations, photographs and specifications in this publication are based on product information available at the time of printing. AquaStar reserves the right to make changes at any time without giving prior notice to colors, materials, specifications, part numbers and prices and to discontinue product or product components.

Pricing:

Prices, discounts, quotations and specifications are subject to change without notice and will be applied as in effect at time of shipment. If prices have increased, AquaStar will notify buyer prior to shipment. All prices are in U.S. dollars. Any sales, excise or similar tax for which AquaStar may be liable on any sale will be charged to and paid by the buyer. If buyer is a reseller, buyer is responsible for furnishing a resale certificate prior to purchase.

Minimum Order:

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Billing:

Unless payment is made by credit card, all new customer accounts are required to complete an AquaStar credit application and receive credit approval prior to shipment. Please pay by invoice per the terms on the sales invoice. This invoice is binding on the parties and their respective directors, officers, employees, agents, subcontractors, successors and permitted assigns. Contact AquaStar Accounting Department within 15 days of receipt if there are questions regarding the invoice or if you think the account is in error. There will be a \$20.00 minimum service charge on all NSF or returned checks. If the invoice is not paid within the invoice terms, AquaStar may recover a service charge of 1½% per month (18% annual percentage rate) on the past due amount and any expenses and/or attorney's fees incurred in connection with attempts to collect the outstanding balance.

Claims:

All shipments must be inspected for freight damage, concealed or otherwise, at time of receipt. Any damage or product shortage must be both noted on the freight bill and reported to AquaStar Accounting Department within 10 days of receipt. AquaStar is committed to assist with all shortage and damage claims.

Returns/Credits:

All returns must be authorized and accompanied by a Return Materials Authorization (RMA) number issued by AquaStar, which should be marked clearly on all returned cartons. Unauthorized returns will not be accepted. AquaStar will not accept returned merchandise after 90 days of shipment and/or not in original saleable condition. Saleable returns will be subject to a 25% restocking fee plus return freight charges. All credits for returns or other promotions are to be used towards purchases and will not be given cash refunds.

Limited Warranty:

AquaStar is committed to and takes pride in the quality products that it manufactures. Accordingly, AquaStar maintains high standards for the materials and workmanship that it invests in its products. AquaStar warrants its products to be free from defects in material and workmanship for a period of three years from the date of original installation. This limited warranty will be applicable only if the product manufactured by AquaStar is the sole and exclusive cause of a defect. Products that fail or become defective during the warranty period, except as a result of color-fading, improper installation, bad water chemistry, accidents or negligence on behalf of the owner, freezing, earthquakes, fire, floods or other acts of nature, shall be repaired or replaced at AquaStar's option.

Part #	Part Description	n-4
	Part Description	pg i
Drains	40ll Down I Anti Entergon of Contine Outlet Cours Calid Disco Disco and Mad Forms	24
10AVRxxx	10" Round Anti-Entrapment Suction Outlet Cover, Solid Riser Ring and Mud Frame	24
10AVRxxxA	10" Round Anti-Entrapment Suction Outlet Cover, Solid Riser Ring with Double-Deep Sump	25
10AVRxxxB	10" Round Anti-Entrapment Suction Outlet Cover, Solid Riser Ring with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	25
10AVRxxxD	10" Round Anti-Entrapment Suction Outlet Cover, Solid Riser Ring with 4" Socket Deep PVC Sump	25
10AVRxxxF	10" Round Anti-Entrapment Suction Outlet Cover, Solid Riser Ring with 6" Socket Deep PVC Sump	25
10AVRRxxx	10" Round Solid Riser Ring	24
10LTxxx	10" Round Debris Catcher Anti-Entrapment Suction Outlet Cover and Mud Frame	26
10LTxxxA	10" Round Debris Catcher Anti-Entrapment Suction Outlet Cover with Double-Deep Sump	27
10LTxxxB	10" Round Debris Catcher Anti-Entrapment Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	27
10LTxxxD	10" Round Debris Catcher Anti-Entrapment Suction Outlet Cover with 4" Socket Deep PVC Sump	27
10LTxxxF	10" Round Debris Catcher Anti-Entrapment Suction Outlet Cover with 6" Socket Deep PVC Sump	27
10MFxxx	10" Round MoFlow™ Suction Outlet Cover and Mud Frame	22
10MFxxxA	10" Round MoFlow™ Suction Outlet Cover with Double-Deep Sump	23
10MFxxxB	10" Round MoFlow™ Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	23
10MFxxxD	10" Round MoFlow™ Suction Outlet Cover with 4" Socket Deep PVC Sump	23
10MFxxxF	10" Round MoFlow™ Suction Outlet Cover with 6" Socket Deep PVC Sump	23
12FRxxx	12" Mud Frame	42
1216FRxxx	Retrofit Adapter Frame for 3/4" deep 12" square retrofits	43
12MFxxx	12" Square MoFlow™ Suction Outlet Cover and Mud Frame	36
12MFxxxA	12" Square MoFlow™ Suction Outlet Cover with Double-Deep Sump	37
12MFxxxB	12" Square MoFlow™ Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	37
12MFxxxD	12" Square MoFlow™ Suction Outlet Cover with 4" Socket Deep PVC Sump	37
12MFxxxF	12" Square MoFlow™ Suction Outlet Cover with 6" Socket Deep PVC Sump	37
12RRxxx	12" Square Vented Riser Ring	38
1216xxx	16" Square Anti-Entrapment Suction Outlet Cover for 12" Square Retrofits or New Construction	42
1216xxxA	16" Square Anti-Entrapment Suction Outlet Cover with Double-Deep Sump	43
1216xxxB	16" Square Anti-Entrapment Suction Outlet Cover with Dual-Port 21/2" Spigot x 2" Socket Deep PVC Sump	43
1216xxxD	16" Square Anti-Entrapment Suction Outlet Cover with 4" Socket Deep PVC Sump	43
1216xxxF	16" Square Anti-Entrapment Suction Outlet Cover with 6" Socket Deep PVC Sump	43
18MFxxx	18" Square Mud Frame with Four 9" Square MoFlow™ Suction Outlet Covers	41
18MFNFxxx	Four 9" Square MoFlow™ Suction Outlet Covers for 3/4" deep retrofits	41
18RRxxx	18" Square Vented Riser Ring	44
24xxx	24" Square Frame with Four 12"Square Flat Grate Anti-Entrapment Suction Outlet Covers	49
24NFxxx	Four 12"Square Flat Grate Anti-Entrapment Suction Outlet Covers for 3/4" deep retrofits	49
32CDAVFRxxx	32" Channel Drain Anti-Entrapment Suction Outlet Cover and Frame	61
32CDAVFGxxx	32" Channel Drain Anti-Entrapment Suction Outlet Cover and ABS Three-port Manufactured Sump for Fiberglass	63
32CDAVNFxxx	32" Channel Drain Anti-Entrapment Suction Outlet Cover Only without Mud Frame	60
32CDAVxxx	32" Channel Drain with ABS Three-Port Sump/Anti-Vortex Anti-Entrapment Suction Outlet Cover	60
32CDAVVxxx	32" Channel Drain Anti-Entrapment Suction Outlet Cover and ABS Three-Port Manufactured Sump for Vinyl	62
32CDFLFRxxx	32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and Frame	57
32CDFLFGxxx	32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and ABS Three-port Manufactured Sump for Fiberglass	59
32CDFLNFxxx	32" Channel Drain with Flat Grate Anti-Entrapment Suction Outlet Cover Only without Mud Frame	56
32CDFLxxx	32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and ABS Three-Port Manufactured Sump	56
32CDFLVxxx	32" Channel Drain Flat Grate Suction Outlet Cover and ABS Three-Port Manufactured Sump for Vinyl	58
32CDLTFGxxx	32" Channel Drain Debris Catcher Suction Outlet and ABS Three-Port Manufactured Sump for Fiberglass	67

Part #	Part Description	pg#
Drains CONTINUED		F 5
32CDLTFRxxx	32" Channel Drain Debris Catcher Suction Outlet with Frame	65
32CDLTxxx	32" Channel Drain Debris Catcher Suction Outlet with ABS Three-Port Manufactured Sump	64
32CDLTVxxx	32" Channel Drain Debris Catcher Suction Outlet with ABS Three-Port Manufactured Sump for Vinyl	66
32CDPxxx	32" Channel Drain Three-Port Manufactured PVC Sump	51
32CDPHFGxxx	32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover and ABS Three-port Manufactured Sump for Fiberglass	55
32CDPHFRxxx	32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover with Mud Frame	53
32CDPHNFxxx	32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover without Sump/Frame	52
32CDPHVxxx	32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover and ABS Three-Port Manufactured Sump for Vinyl	54
32CDPHxxx	32" Channel Drain Pinhole Anti-Entrapment Suction Outlet Cover and Three-Port PVC Manufactured Sump	52
32CDSBVxxx	32" Channel Drain Sump Only	54
32PDxxx	32" Pinhole Anti-Entrapment Suction Outlet Cover and Propeller Drain® Manufactured Sump	50
415Slxxx	1½" Slip-Insider Bulkhead Adapter for 4HPxxx	9
415Txxx	1½" MPT Bulkhead Adapter for 4HPxxx	9
420Slxxx	2" Slip Insider Bulkhead Adapter for 4HPxxx	9
420T15Sxxx	2" MPT x 1½" Socket Bulkhead Adapter for 4HPxxx	9
4HPxxx	4" Round Hockey Puck Sumpless Suction Outlet Cover	8
615Slxxx	1½" Slip-Insider Bulkhead Adapter for 6HPxxx	11
615Txxx	1½" Threaded Bulkhead Adapter for 6HPxxx	11
6E15Txxx	Extended 1½" Threaded Bulkhead Adapter for 6HPxxx	11
620Slxxx	2" Slip-Insider Bulkhead Adapter for 6HPxxx	11
620T15Sxxx	2" Threaded x 1½2" Socket Bulkhead Adapter for 6HPxxx	11
625T20Sxxx		
	2½" Threaded x 2" Socket Bulkhead Adapter for 6HPxxx	11
6HA25T20Sxxx	2½" Thread and 2" Socket Bulkhead Adapter for Fiberglass/Steel, with Gasket and 2½" Locking Nut for 6HPHAxxx	11
6HPHAxxx	6" Round Hockey Puck Sumpless Suction Outlet Cover, HydroAir/ITT Replacement	10
6HPxxx	6" Round Hockey Puck Sumpless Suction Outlet Cover	10
8HPxxx	8" Round Hockey Puck Sumpless Suction Outlet Cover and Mud Frame	16
8HPMHxxx	8" Round Hockey Puck Sumpless Suction Outlet Cover with Retrofit Skimmer Equalizer Kit	16
8HPSBACxxx	8" Round Hockey Puck Sumpless Suction Outlet Cover with Standard Sump, Adjustable Collar, 1½" NPT and 2" Socket	17
8HPSBVxxx	8" Round Hockey Puck Sumpless Suction Outlet Cover with Standard Sump, 1½" NPT and 2" Socket for Vinyl/Fiberglass	17
8HPSBxxx	8" Round Hockey Puck Sumpless Suction Outlet Cover with Standard Sump, 1½" NPT and 2" Socket	17
8HPxxxA	8" Round Hockey Puck Sumpless Suction Outlet Cover with Double-Deep Sump	17
8HPxxxB	8" Round Hockey Puck Sumpless Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	17
8HPxxxD	8" Round Hockey Puck Sumpless Suction Outlet Cover with 4" Socket Deep PVC Sump	17
8HPxxxF	8" Round Hockey Puck Sumpless Suction Outlet Cover with 6" Socket Deep PVC Sump	17
8MFxxx	8" Round MoFlow™ Suction Outlet Cover and Mud Frame	18
8MFxxxA	8" Round MoFlow™ Suction Outlet Cover with Double-Deep Sump	19
8MFxxxB	8" Round MoFlow™ Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	19
8MFxxxD	8" Round MoFlow™ Suction Outlet Cover with 4" Socket Deep PVC Sump	19
8MFxxxF	8" Round MoFlow™ Suction Outlet Cover with 6" Socket Deep PVC Sump	19
8MFMHxxx	8" Round MoFlow™ Suction Outlet Cover and Mud Frame with Retrofit Skimmer Equalizer Kit	18
8MFSBxxx	8" Round MoFlow™ Suction Outlet Cover and Mud Frame with Standard Sump, 1½" NPT and 2" Socket	19
8MFSBACxxx	8" Round MoFlow™ Suction Outlet Cover and Mud Frame with Standard Sump, Adjustable Collar, 1½" NPT and 2" Socket	19
8MFSBVxxx	8" Round MoFlow™ Suction Outlet Cover and Mud Frame with Standard Sump, Adjustable Collar, 1½" NPT, 2" Socket for Vinyl/Fiberglass	19

Part #	Part Description	pg#
Drains CONTINUED	- are bescription	P5 "
8RRxxx	8" Round Vented Riser Ring	14
914xxx	14" Square Anti-Entrapment Suction Outlet Cover for 9" Square Retrofits or New Construction	34
914xxxA	14" Square Anti-Entrapment Suction Outlet Cover with Double-Deep Sump	35
914xxxB	14" Square Anti-Entrapment Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	35
914xxxD	14" Square Anti-Entrapment Suction Outlet Cover with 4" Socket Deep PVC Sump	35
914xxxF	14" Square Anti-Entrapment Suction Outlet Cover with 6" Socket Deep PVC Sump	35
914FRxxx	Retrofit Adapter Frame for 3/4" deep 9" square retrofits	35
9FRxxx	9" Mud Frame	34
9MFxxx	9" Square MoFlow™ Suction Outlet Cover and Mud Frame	30
9MFxxxA	9" Square MoFlow™ Suction Outlet Cover with Double-Deep Sump	31
9MFxxxB	9" Square MoFlow™ Suction Outlet Cover with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	31
9MFxxxD	9" Square MoFlow™ Suction Outlet Cover with 4" Socket Deep PVC Sump	31
9MFxxxF	9" Square MoFlow™ Suction Outlet Cover with 6" Socket Deep PVC Sump	31
9RRxxx	9" Square Vented Riser Ring	32
A8RRxxx	8" Round Solid Riser Ring	12
A10RCFRxxx	10" Round Star Sumpless Suction Outlet Cover, Universal Adapter Kit and Mud Frame	28
A10RCFR2xxx	2-Pack 10" Round Star Sumpless Suction Outlet Covers and Mud Frame without Retrofit Kit	28
10RCVKxxx		28
A8Rxxx	10" Round Vinyl Retrofit Kit for A10RCFRxxx 2" Pound Star Anti-Entrapment Suction Outlet Cover Solid Disor Ding Mud Frame	
	8" Round Star Anti-Entrapment Suction Outlet Cover, Solid Riser Ring Mud Frame	12
A8RSBACxxx	8" Round Star Anti-Entrapment Suction Outlet Cover and Solid Riser Ring with Standard Sump and Adjustable Collar with 1½" NPT and 2" Socket	13
A8RSBxxx	8" Round Star Anti-Entrapment Suction Outlet Cover and Solid Riser Ring with Standard Sump, 1½" NPT and 2" Socket	13
A8RxxxA	8" Round Star Anti-Entrapment Suction Outlet Cover and Solid Riser Ring with Double-Deep Sump	13
A8RxxxB	8" Round Star Anti-Entrapment Suction Outlet Cover and Solid Riser Ring with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	13
A8RxxxD	8" Round Star Anti-Entrapment Suction Outlet Cover and Solid Riser Ring with 4" Socket Deep PVC Sump	13
A8RxxxF	8" Round Star Anti-Entrapment Suction Outlet Cover and Solid Riser Ring with 6" Socket Deep PVC Sump	13
FCxxx	20" Full Circle® Suction Outlet Cover and One-Port Manufactured Sump	47
FC08xxx	20" Full Circle® Center Logo Cap	47
FC20xxx	20" Full Circle® Drain Cover, Center Cap and Screws	47
FC09xxx	20" Full Circle® Drain Cover	47
LP8AVWRxxx	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Mud Frame	14
LP8AVWRxxxA	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Double-Deep Sump	15
LP8AVWRXXXB	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	15
LP8AVWRxxxD	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with 4" Socket Deep PVC Sump	15
LP8AVWRxxxF	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with 6" Socket Deep PVC Sump	15
LP8SBACWRxxx	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Standard Sump, Adjustable Collar 11/2" NPT and 2" Socket	15
LP8SBWRxxx	8" Round Low-Profile Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Standard Sump with 1½" NPT and 2" Socket	15
P18xxx	18" Square Mud Frame with Four 9" Square Star Suction Outlet Covers and Vented Riser Rings	44
P18NFxxx	Four 9" Square Star Suction Outlet Covers and Vented Riser Rings for 3/4" deep retrofits	44
R8HPxxx	8" Round Retrofit Hockey Puck Sumpless Suction Outlet Cover with Screw and Bushing Kit	21
R8MFxxx	8" Round Retrofit MoFlow™ Suction Outlet Cover with Screw and Bushing Kit	20
R9MFxxx	9" Square Retrofit MoFlow™ Suction Outlet Cover with Screws for 1" deep retrofits	29
R12MFxxx	12" Square Retrofit MoFlow™ Suction Outlet Cover with Screws for 1" deep retrofits	40
R1216FRXXX	Retrofit Adapter Frame for 1" deep 12" square retrofits	43
R18MFNFxxx	Four 9" Square MoFlow™ Suction Outlet Covers for 1" deep retrofits	41
R415Txxx	1½" MPT Bulkhead Adapter for 4HPxxx (retrofits HydroAir #30-6906 and #30-6806)	9
R914FRxxx	Retrofit Adapter Frame for 1" deep 9" square retrofits	35

Part #	Part Description	pg#
Drains CONTINUED		
RE415Txxx	1½" MPT Extended Bulkhead Adapter for 4HPxxx (retrofits HydroAir #30-6906 and #30-6806)	9
RNDxxx	6" Bulkhead Adapter with 2" Socket Sumpless Fitting for 6HPxxx	11
RSUN18HPHxxx	Four 9" Square SUN/8HPH Suction Outlet Covers for 3/4" deep retrofits	46
RSUN18HPHRxxx	Four 9" Square SUN/8HPH Suction Outlet Covers for 1" deep retrofits	46
SUN18HPHxxx	18" Square Mud Frame with Four 9" Square SUN/8HPH Suction Outlet Covers	46
WAV12WRxxx	12" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Mud Frame	38
WAV12WRxxxA	12" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Double-Deep Sump	39
WAV12WRxxxB	12" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	39
WAV12WRxxxD	12" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with 4" Socket Deep PVC Sump	39
WAV12WRxxxF	12" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with 6" Socket Deep PVC Sump	39
WAV18WRxxx	18" Square Frame with Four 9"Square Wave Anti-Entrapment Suction Outlet Covers and Vented Riser Rings	45
WAV18WRNFxxx	Four 9"Square Wave Anti-Entrapment Suction Outlet Covers and Vented Riser Rings for 3/4" deep retrofits	45
WAV24xxx	24" Square Frame with Four 12" Square Wave Anti-Entrapment Suction Outlet Covers	48
WAV24NFxxx	Four 12" Square Wave Anti-Entrapment Suction Outlet Covers for 3/4" deep retrofits	48
WAV9WRxxx	9" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring and Mud Frame	32
WAV9WRxxxA	9" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Double-Deep Sump	33
WAV9WRxxxB	9" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with Dual-Port 2½" Spigot x 2" Socket Deep PVC Sump	
		33
WAV9WRxxxD	9" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with 4" Socket Deep PVC Sump	33
WAV9WRxxxF	9" Square Wave Anti-Entrapment Suction Outlet Cover, Vented Riser Ring with 6" Socket Deep PVC Sump	33
Fillable Friends Stend	ile	
F1001-xx	Compass Stencil	113
F1002-xx	Angel Fish Stencil	112
F1003-xx	Crab Stencil	113
F1004-xx	Dog Paw Stencil	114
F1005-xx	Fleur de Lis Stencil	115
F1006-xx	Lobster Stencil	116
F1007-xx	Mermaid Stencil	117
F1008-xx	Octopus Stencil	117
F1009-xx	Sea Lion Stencil	119
F1010-xx	Shark Stencil	120
F1011-xx	Shell Stencil	120
F1012-xx	Starfish Stencil	121
F1013-xx	Stingray Stencil	121
F1014-xx	Sun Stencil Sun Stencil	122
F1015-xx	Dolphin Stencil – Medium	114
F1016-xx	Dolphin Stencil – Large	114
F1017-xx	Seahorse Stencil – Medium	119
F1018-xx	Seahorse Stencil – Large	119
F1019-xx	Footprint Stencil – Small	115
F1020-xx	Footprint Stencil – Medium	115
F1022-xx	Turtle Stencil – Small	122
F1023-xx	Turtle Stencil – Medium	122
F1024-xx	Turtle Stencil – Large	122
F1025-xx	Martini Glass Stencil	116

Part #	Part Description	pg #
Fillable Friends St		
F1026-xx	Palm Tree Stencil – Small	118
F1027-xx	Palm Tree Stencil – Medium	118
F1028-xx	Sandal Stencil Sandal Stencil	118
F1029-xx	Dolphin Stencil – Set of 1 Medium and 1 Large	114
F1030-xx	Turtle Stencil – Set of 1 Small, 1 Medium and 1 Large	122
Fittings		
1020Fxxx	Large Extended 2" Return Fitting with Gasket/Nut for Fiberglass	70
20GASKET	2" Gasket for Vinyl, Fiberglass or Stainless Steel Installations	70
25GASKET	2½" Gasket for Vinyl, Fiberglass or Stainless Steel Installations	70
20NUT101	2" Locking Nut for Vinyl, Fiberglass or Stainless Steel Installations	70
25NUT101	2½" Locking Nut for Vinyl, Fiberglass or Stainless Steel Installations	70
3xx	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits 1" or 1½" Pipe)	70
3xxB	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits 1" or 1½" Pipe) with ¾ Orifice	70
3xxC	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits 1" or 11/2" Pipe) with 1/2" Orifice	70
3xxD	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits 1" or 11/2" Pipe) with Slotted Orifice	70
32xx	Vacuum Fitting with Water Stop (Fits Outside 1½" Pipe)	71
33xx	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Inside 2" Pipe) with 1" Orifice	71
33xxB	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Inside 2" Pipe) with 3/4" Orifice	71
33xxC	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Inside 2" Pipe) with ½" Orifice	71
33xxD	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Inside 2" Pipe) with Slotted Orifice	71
35xx	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Over 2" Pipe) with 1" Orifice	71
35xxB	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Over 2" Pipe) with 3/4" Orifice	71
35xxC	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Over 2" Pipe) with ½" Orifice	71
35xxD	Flush-Mount Return Fitting with Water Stop, Eyeball and Nut (Fits Over 2" Pipe) with Slotted Orifice	71
36xx	Light Niche/Return Fitting, fits over 1½" pipe	72
4xx	Australian Return Fitting with Adjustable Eyeball 1½" Knock-In	72
4xxB	Australian Return Fitting with Adjustable Eyeball 1½" Knock-In with ¾" Orifice	72
4xxC	Australian Return Fitting with Adjustable Eyeball 1½" Knock-In with ½" Orifice	72
4DIVxxx	4" Adjustable Floor Return Fitting with Water Stop	72
4xxx	Three-Piece Directional Eyeball Fitting 11/2" Knock-In / 1" Orifice	72
42xx	Directional Eyeball Fitting, Three-Piece 1½" Knock-In with ¾" Orifice	72
43xx	Directional Eyeball Fitting, Three-Piece 1½" Knock-In with ½" Orifice	72
	Directional Eyeball Fitting, Three-Piece 1½" Knock-In with Slotted Orifice	
44xx	, , ,	72
5xx ExxP	Australian Return Fitting with Adjustable Eyeball 1" Knock-In	
5xxB	Australian Return Fitting with Adjustable Eyeball 1" Knock-In with 3/4" Orifice	73
5xxC	Australian Return Fitting with Adjustable Eyeball 1" Knock-In with 1/2" Orifice	73
5xxx	Three-Piece Directional Eyeball Fitting 1" Knock-In with Flange/1" Orifice	73
52xx	Three-Piece Directional Eyeball Fitting 1" Knock-In with Flange/3/4" Orifice Three Directional Eyeball Fitting 1" Knock-In with Flange/1/4" Orifice	73
53xx	Three-Piece Directional Eyeball Fitting 1" Knock-In with Flange/1/2" Orifice Three Directional Eyeball Fitting 1" Knock-In with Flange/Cletted Orifice	73
54xx	Three-Piece Directional Eyeball Fitting 1" Knock-In with Flange/Slotted Orifice	73
6xx	Rope Anchor	73
6xxx	Directional Eyeball Fitting, Three-Piece 2" Knock-In with 1" Orifice	74
62xx	Directional Eyeball Fitting, Three-Piece 2" Knock-In with 3/4" Orifice	74
63xx	Directional Eyeball Fitting, Three-Piece 2" Knock-In with 1/2" Orifice	74
64xx	Directional Eyeball Fitting, Three-Piece 2" Knock-In with Slotted Orifice	74

Part #	Part Description	pg#
Fittings CONTINUED		
7xx	Pool Wall Step/Set of Three	74
8xxx	Directional Eyeball Fitting Three-Piece 1½" MPT with 1" Orifice	74
82xx	Directional Eyeball Fitting Three-Piece 1½" MPT with 3/4" Orifice	74
83xx	Directional Eyeball Fitting Three-Piece 1½" MPT with ½" Orifice	74
84xx	Directional Eyeball Fitting Three-Piece 1½" MPT with Slotted Orifice	74
ASDxxx	1/2" Extender with Eyeball and Nut 11/2" MPT with 1" Orifice	75
ASDxxxB	1/2" Extender with Eyeball and Nut 11/2" MPT with 1/2" Orifice	75
ASDxxxC	1/2" Extender with Eyeball and Nut 11/2" MPT with 3/4" Orifice	75
ASDxxxD	1/2" Extender with Eyeball and Nut 11/2" MPT with Slotted Orifice	75
AWAxxx	Angle Wall Adapter for Fiberglass	70
BC2000-1.5	1½" Water Stop with Screw-In Cap and O-Ring	75
BC2000-2	2" Water Stop with Screw-In Cap and O-Ring	75
BC2000-2.5	2½" Water Stop with Screw-In Cap and O-Ring	75
BCR2000-3	3" Water Stop with Screw-In Cap and O-Ring	75
BFB101	4" S x 4"S x 2½"S x 2½"S Horizontal T with 4" x 3" Reducer Bushings	75
BSASDxxx	½" Extender with Eyeball and Nut 1½" MPT (Fits SwimQuip # 8429-14) 1" Orifice	75
BSASDxxxB	1/2" Extender with Eyeball and Nut 11/2" MPT (Fits SwimQuip # 8429-14) 3/4" Orifice	75
BSASDxxxC	1/2" Extender with Eyeball and Nut 11/2" MPT (Fits SwimQuip # 8429-14) 1/2" Orifice	75
BSASDxxxD	1/2" Extender with Eyeball and Nut 11/2" MPT (Fits SwimQuip # 8429-14) Slotted Orifice	75
BU101-2x1.5	Bushing to convert 2" to 11/2"	76
BU101-4x3	Bushing to convert 4" to 3"	76
CFMxxx	1½" Safety Grate Insert (for Use on Fittings Only) 1½" MPT	76
CM6xx	Commercial Rope Anchor with Stainless Steel Pin	73
CSxxx-1.5	1½" Winterizing Cap with 0-ring	76
CSxxx-2	2" Winterizing Cap with 0-ring	76
CSxxx-2.5	2½" Winterizing Cap with 0-ring	76
CSxxx-3	3" Winterizing Cap with O-ring	76
DCxxx	Decorative Cover with 1" Orifice	77
DCxxxB	Decorative Cover with 3/4" Orifice	77
DCxxxC	Decorative Cover with 1/2" Orifice	77
DCxxxD	Decorative Cover with Slotted Orifice	77
DIV0xxx	Floor Return Diverter Plate Only	72
ENxxx	Standard Eyeball and Nut Replacement with 1" Orifice	78
ENBxxx	Standard Eyeball and Nut Replacement with 3/4" Orifice	78
ENCxxx	Standard Eyeball and Nut Replacement with ½" Orifice	78
ENDxxx	Standard Eyeball and Nut Replacement with Slotted Orifice	78
ES1022xx	Large Wall Fitting with Threaded O.D. (Fits 11/2" Pipe)	77
ES1022Vxx	Large Wall Fitting with Threaded O.D. (Fits 1½" Pipe) with Lock Nut and Gasket For Fiberglass/Vinyl	77
ES1022WBxx	Large Wall Fitting with Water Stop (Fits 1½" Pipe)	77
EVT101	Extended Venturi Tee for Gunite with Removable Jet, 1½" x 1½" x 1"	78
GDDLxxx	2 x 4 Gutter Deck Drain Grate only with Screws	79
GDDxxx	2 x 4 Gutter Deck Drain (Fits 2" Pipe)	79
HVxxx	2" Hydrostatic Relief Valve	79
HVCxxx	Self-Contained Hydrostatic Valve Assembly	79
JE31xx	Flush-Mount Return Fitting with Water Stop (Fits Outside 1½" Pipe) with 1" Orifice	79
JE31xxB	Flush-Mount Return Fitting with Water Stop (Fits Outside 1½" Pipe) with 1 Office	71

Part #	Part Description	pg#
Fittings CONTINUED		
JE31xxC	Flush-Mount Return Fitting with Water Stop (Fits Outside 1½" Pipe) with ½" Orifice	71
JE31xxD	Flush-Mount Return Fitting with Water Stop (Fits Outside 11/2" Pipe) with Slotted Orifice	71
JMCP109	1½" Cap For Plastering With Magnet Finding Metal Insert	79
JMCP109-2	2" Cap For Plastering With Magnet Finding Metal Insert	79
MPxxx	1/2" Extender with Three-Piece Decorative Cover and Plaster Cap with 1" Orifice	80
MPxxxB	1/2" Extender with Three-Piece Decorative Cover and Plaster Cap with 3/4" Orifice	80
MPxxxC	1/2" Extender with Three-Piece Decorative Cover and Plaster Cap with 1/2" Orifice	80
MPxxxD	1/2" Extender with Three-Piece Decorative Cover and Plaster Cap with Slotted Orifice	80
PE15101	Pipe Extender (2")	80
PE20101	Pipe Extender (1½")	80
SL8xxx	Three-Piece Directional Eyeball Fitting 1½" Slip Insider with 1" Orifice	74
SL82xx	Three-Piece Directional Eyeball Fitting 1½" Slip Insider with ¾" Orifice	74
SL83xx	Three-Piece Directional Eyeball Fitting 1½" Slip Insider with ½" Orifice	74
SL84xx	Three-Piece Directional Eyeball Fitting 1½" Slip Insider with Slotted Orifice	74
SMUSxxx	5" Umbrella Stand with Sleeve and Center Cap	82
SSxxx	Shell Wall Step (Set of Three)	80
SWA101	1½" S x 1½" SPG 90-Degree Sweep Ell	80
SWB101	1½" S x 1½" S 90-Degree Sweep Ell	81
SWC101	2" S x 2" SPG 90-Degree Sweep Ell	80
SWD101	2" S x 2" S 90-Degree Sweep Ell	81
TMxxx	1" Orifice Straight Flow Insert with 1½" MPT	81
TSxxx	Therapeutic Spinner 1½" MPT	81
USxxx	7½" Umbrella Stand with Sleeve and Center Cap	81
USCGxxx	Umbrella Stand Cap Only with Gasket Seal	82
WJxxx	Wall/Deck Spout (Gunite)	83
WJFxxx	Wall/Deck Spout (Fiberglass)	83
WS1001	2" Waterstop	82
WS1101	2½" Waterstop	82
WS1201	3" Waterstop	82
WS801	1" Waterstop	82
WS901	1½" Waterstop	82
AquaThunder® Spa		
ATBxxx	AquaThunder Jet Barrel	89
ATBTSxxx	AquaThunder Jet Barrel with Therapeutic Spinner	89
ATFxxx	AquaThunder Jet Fitting with Flange	86
ATGxxx	2½" Gunite Jet Body Assembly	87
ATGB3xx	2½" Gunite Rotational Jet Barrel (Single)	89
ATGB4xx	2½" Gunite Rotational Jet Barrel (Double)	89
ATGB5xx	2½" Gunite Massage Jet Barrel	89
ATH101	AquaThunder Jet Housing	86
AT127101	AquaThunder 2½" Gunite Jet Housing	88
AT128101	AquaThunder Gunite Jet Niche	88
AT129101	AquaThunder Retainer Ring	88
AT130xxx	AquaThunder Wall Fitting	88

Index Index

Part #	Part Description	pg#
Skimmers, Skimmer Ac	cessories and Skimmer Parts	
RTxxx	Round Skimmer Lid (Fits Sta-Rite Size Skimmers)	102
RTxxxA	Round Skimmer Lid (Fits Sta-Rite Size Skimmers) with Custom Name	102
SECxxx	3" Skimmer Extension Collar	101
SK43xxx	Vacuum Plate	102
SK5xxx	Adjustable Round Skimmer Collar	102
SK6	Skimmer Basket	101
SK61xxx	Square Skimmer Collar	102
SK63xxx	Square Skimmer Lid	102
SK63xxxA	Square Skimmer Lid with optional custom name/logo insert	102
SK64xxx	Square Skimmer Lid and Collar	102
SK64xxxA	Square Skimmer Lid and Collar with optional custom name/logo insert	102
SK9xx	Skimmer Weir Clip (Set of Two)	102
SK61xxx	Square Skimmer Collar	102
SK65xxx	Round/Square Snap-in Lid and Collar	103
SK65xxxA	Round/Square Snap-in Lid and Collar with optional custom name/logo insert	103
SKFL101	Skimmer Float Assembly	101
SKRFFL3NXXX	Skimmer with Narrow 9" Deep Throat, Float Assembly, Collar and Lid for Fiberglass (Dual Bottom Port 2½" Spigot x 2" Socket)	94
SKRFL12xxx	Skimmer with 5" Deep Throat, Float Assembly, Basket, Round Lid, Adjustable Collar for Fiberglass (Dual Bottom Port 2½" Spigot x 2" Socket)	95
SKRFL12xxxD	Skimmer with 5" Deep Throat, Float Assembly, Basket, Round Lid, Adjustable Collar for Fiberglass (Single Bottom Port 4" Socket)	100
SKRFL12xxxF	Skimmer with 5" Deep Throat, Float Assembly, Basket, Round Lid, Adjustable Collar for Fiberglass (Single Bottom Port 6" Socket)	100
SKR1xx	Standard Skimmer with Water Stop Face, Float Assembly, Basket, Lid and Adjustable Collar (Dual Bottom Port 2½" Spigot x 2" Socket)	92
SKRFL12NL101	Skimmer with 5" Deep Throat, Float Assembly and Basket for Fiberglass (Dual Bottom Port 2½" Spigot x 2" Socket)	95
SKR1xxxD	Standard Skimmer with Float Assembly and Adjustable Collar (Single Bottom Port 4" Socket)	100
SKR1xxxF	Standard Skimmer with Float Assembly and Adjustable Collar (Single Bottom Port 6" Socket)	100
SKR1NL101	Standard Skimmer with Water Stop Face, Float Assembly and Basket (Dual Bottom Port 2½" Spigot x 2" Socket)	92
SKR2xxx	Standard Skimmer with Flush Face, Float Assembly, Basket, Lid and Adjustable Collar (Dual Bottom Port 2½" Spigot x 2" Socket)	93
SKR2xxxD	Standard Skimmer with Flush Face, Float Assembly, Basket, Collar and Lid (Single Bottom Port 4" Socket)	100
SKR2xxxF	Standard Skimmer with Flush Face, Float Assembly, Basket, Collar and Lid (Single Bottom Port 6" Socket)	100
SKR2NL101	Standard Skimmer with Flush Face, Float Assembly and Basket (Dual Bottom Port 2½" Spigot x 2" Socket)	93
SKRTxxx	Round Skimmer Lid and Collar	102
SKRVFL3Nxxx	Skimmer with Narrow 9" Deep Throat, Float Assembly, Collar and Lid for Vinyl (Dual Bottom Port 2½" Spigot x 2" Socket)	94
SKRVFL3NxxxD	Skimmer with Narrow 9" Deep Throat, Float Assembly, Collar and Lid for Vinyl (Single Bottom Port 4" Socket)	100
SKRVFL3NxxxF	Skimmer with Narrow 9" Deep Throat, Float Assembly, Collar and Lid for Vinyl (Single Bottom Port 6" Socket)	100
SKRFFL3NNL01	Skimmer with Narrow 9" Deep Throat, Float and Assembly for Fiberglass (Dual Bottom Port 2½" Spigot x 2" Socket)	94
SKRVFL3NNL01	Skimmer with Narrow 9" Deep Throat, Float and Assembly for Vinyl (Dual Bottom Port 2½" Spigot x 2" Socket)	94
SKWDxxx	Weir Plate Assembly for Standard and Vinyl/Fiberglass Skimmers	101
SKZ101xxx	ZarStar™ Skimmer with Large Basket, Filter Bag, Adjustable Collar, Round Lid and Ozonator Ports	96
SKZ102xxx	ZarStar™ Skimmer with Large Basket, Filter Bag, Adjustable Collar and Round Lid	96
SKZ111xxx	ZarStar™ Drain/Vacuum Pre-Filter with Large Basket, Filter Bag, Adjustable Collar and Round Lid	97
SKZ112xxx	Weir Plate Assembly for ZarStar™ Skimmers	103
SKZ214101	Large Basket for ZarStar™ Skimmer and Pre-Filter	103
SKZ216101	Filter Bag for ZarStar™ Skimmer and Pre-Filter	103
SKZ217101	Basket Adapter for ZarStar Pre-Filter	103
		1 -05

Index Index

Part #	Part Description	pg #
Skimmers, Skimme	er Accessories and Skimmer Parts continued	
SKZ218101	Filter Lock-Down Ring for ZarStar™ Skimmer	103
SKZ219101	Vacuum Thread Adapter for ZarStar™ Skimmer and Pre-Filter	103
Pool Cleaners		
SZTxxxx-H	StarzTruck® Automatic Suction Pool Cleaner for Concrete Pools	105
SZTVxxxx-H	StarzTruck® Automatic Suction Pool Cleaner for Vinyl/Fiberglass Pools	105
ChamStar™ Chami	cal Factors and Chlasinator Danlacoment Darts	
	cal Feeders and Chlorinator Replacement Parts	400
CH100	In-line Chlorinator	108
CH1004	3" Threaded Cap for CH100 / CH200 (Replaces R172008W)	142
CH1005	Diverter Tee for CH100 (Replaces R172317)	143
CH1009	3" O-Ring for CH100 / CH200 (Replaces R172009)	142
CH1010	Check Valve for CH100 (Replaces R172248)	143
CH1015	1/2" MPT PVC Plug for CH100 (Replaces R172134)	142
CH1016	2" x 1½" SxS Bushing for CH100 (Replaces R172210)	143
CH1017	1/2" 90 NPT x Tube Fitting with Nut for CH100 (Replaces R172272)	143
CH1018	1/2" x Short MPT Nipple for CH100 (Replaces R172256)	143
CH1019	½" Chlorine Control Valve for CH100 (Replaces R172086)	143
CH1026	5/a" OD Short Feeder Tube for CH100 (Replaces R172091)	143
CH1027	Tube Support Spring for CH100 (Replaces R171097)	143
CH1029	Screen for CH100 / CH200 (Replaces R172255)	142
CH1030	1/2" Bromine Standpipe Adapter for CH100 (Replaces R172048B)	142
CH1031	5/8" OD 18" Tube (optional top feed) for CH100 (Replaces R172253)	142
CH1036	#8 x ½" Large Slotted Hex Head Lock Screw for CH100 (Replaces R01052)	142
CH1048	Silicone Lubricant for CH100 / CH200 (Replaces R172036)	142
CH1056	Saddle Tube Fitting for CH200 (Replaces R172262)	144
CH1057	Saddle Gasket for CH200 (Replaces R172263)	144
CH1065	1/4" Chlorine Valve for CH200 (replaces R172060)	144
CH1066	Saddle Clamp for CH200 (Replaces R172264)	144
CH1074	3/e" OD x 1/4" ID Tubing 8' for CH200 (Replaces R172023)	144
CH1075	Parts Bag for CH200 (Replaces R172064)	144
CH200	Offline Chlorinator	109
OZG4016	Ozone Compatible 1/4" Tubing	110
OZG4017	Ozone Diffuser Stone	110
U1000	Ultimate Ozone™ 1000	110
U2000	Ultimate Ozone™ 2000	110
Pool Cleaner Parts		
HWN110	Pod Screw Kit: Two Hex Headscrews, Two Washers (replaces AXV015P)	128
HWN111	Pod Plugs – Six Pack (replaces AXV016P)	129
HWN112	Turbine Bearings – Two Pack (replaces AXV055P)	130

Dort #	Part Deceription	ng #
Part # Pool Cleaner Parts	Part Description	pg #
HWN113		121
	Turbine Kit: Turbine and Two Turbine Bearings (replaces AXV602P/112P)	131
HWN114 HWN115	Pod Shoes: Vinyl and Fiberglass – Four Pack (replaces AXV413P) Pod Shoes: Congrete – Four Pack (replaces AXV414P)	129
HWN116xx	Pod Shoes: Concrete – Four Pack (replaces AXV414P) Pod Kit: Left and Right Pods, Plugs, Screws, Washers (replaces AXV417WHP)	129
HWN117xx	Wing Kit: Left and Right Wings – Six Pack (replaces AXV016P)	129
HWN118	Universal A-Frame Kit (replaces AXV621D)	131
HWN119	A-Frame and Turbine Kit (replaces AXV621DAT)	131
HWN120	A-Frame Bushing and Saddle Kit (replaces AXV699P)	131
HWN121xx	Top Shell (replaces AXV411LG)	126
HWN122	Cone Gear (replaces AXV070)	126
HWN123	Intermediate Gear (replaces AXV301)	126
HWN124	Intermediate Gear Shaft (replaces AXV309)	126
HWN125	Spindle Gear Screw (replaces AXV068)	126
HWN126	Spindle Gear (replaces AXV008) Spindle Gear (replaces AXV303)	126
HWN127	Spindle Gear Bushing (replaces AXV066A)	126
HWN128	Cone Gear Bushing (replaces AXV306) Upper Middle Body (replaces AXV060WH)	126
HWN129	Upper Body Screw Kit – Six Pack (replaces AXV065P)	
HWN130	Medium Turbine Drive Gear (replaces AXV064A)	127
HWN131	Medium Turbine (replaces AXV062C)	127
HWN132	Medium Turbine (replaces AXV002C) Medium Turbine Case with Axle (replaces AXV009)	
HWN133	Gear Box Assembly (replaces AXV408P)	127
HWN134		127
HWN135xx	Rear Screen (replaces AXV051AWH)	
HWN136	Float Kit – Two Pack (replaces AXV054P)	127
HWN137 HWN138xx	Lower Middle Body (replaces AXV050CHW) Bumper (replaces AXV605WHP)	128
HWN139 HWN140	Middle Body Screw – Six Pack (replaces AXV057P) Lower Body Screw – Four Pack (replaces AXV313)	128
HWN141	Flap Adjuster (replaces AXV031B)	128
HWN142xx		128
	Lower Body (replaces AXV230DBKXWH) Flow Kits, Front and Dear Flows and Swings (replaces AVV/434PKD)	
HWN143xx	Flap Kit: Front and Rear Flaps and Springs (replaces AXV434BKP) Continue Servey / Retaining Clin (replaces AXV434BR)	128
HWN148	Captive Screw / Retaining Clip (replaces AXV314P) Fixed Access Cover Assembly for Concrete Models (replaces AXV603)	129
HWN149XX HWN149Vxx		129
	Fixed Access Cover Assembly for Vinyl Models (replaces AXV603A)	129
HWN152	Skimmer Cone (replaces AXV093CP)	130
HWN153	Flow Gauge (replaces AXV574P) Medium Turbino (Spindle Coor Vit (replaces AXV(070VI))	130
HWN154	Medium Turbine/Spindle Gear Kit (replaces AXV079VP)	131
HWN158	Hose Connector (replaces AXV092) Propulsion / Conversion Vit (replaces AXV623DBV)	130
HWN160xx	Propulsion/Conversion Kit (replaces AXV622DPK) Regulator Value (replaces VOAAP)	131
HWN161	Regulator Valve (replaces V094P)	130
HWN162	Leaf Canister (replaces W560)	130
SZTHLxx	4-Foot Leader Hose (replaces V532)	130
SZTHxx	4-Foot Regular Hose (replaces V109)	130
VLK15Txx	Safety Vacuum Lock Wall Fitting – 1½" NPT (replaces W4008WHP)	130

Part #	Part Description	pg#
Pool Cleaner Part	S CONTINUED	
VLK20Txx	Safety Vacuum Lock Wall Fitting – 2" NPT (replaces W4008WHP)	130
P1001	Drive Shaft, Assembled (replaces C-86)	138
P1002	Ball Bearings, Turbine (replaces C-80)	137
P1004	Large Axle with Washer and Sand Guard (replaces C-66)	134
P1005	Ball Bearings and Wheels (replaces C-60)	135
P1009	Water Management System (replaces K-25)	137
P1017	Frame (replaces K-145)	137
P1032	Vacuum Tube (replaces K-20)	134
P1035	Thrust Jet Kit (replaces C-131)	136
P1036	Swing Axle Kit (replaces C-36)	137
P2003	Turbine Shaft Seal (replaces A-40)	137
P2012	Wheel (replaces C-6)	136
P2013	Wheel Washer (replaces C-64)	135
P2014	Wheel Screw (replaces C-55)	135
P2015	Tire (replaces C-10)	135
P2016	Axle Plate (replaces C-70)	135
P2017	Rear Wheel Axle and Washer (replaces C-65)	136
P2022	Small Idler Wheel (replaces C-16)	136
P2031	All-Purpose Bag / Sand/Silt Bag / Leaf Bag (replaces C-40)	134
P2035	4-40 x 3/16" SS Pan Head Screw (replaces C-30)	136
P2036	6-32 x ½" SS Pan Head Screw (replaces C-32)	136
P2037	Spring (replaces C-25)	137
P2038	Lock Washer (replaces C-45)	135
P2042	10-32 x 7/8" SS Pan Head Screw (replaces C-76)	134
P2043	Adjustment Screw for Sweep Hose (replaces B-20)	134
P2046	Turbine Cover with Elbow (replaces C-110)	138
P2048	Feed Pipe (replaces K-30)	134
SSC100	Complete Rebuild Kit (replaces A-49)	138
ProStar Miscellan	neous Replacement Parts	
BIK4	Brass Inserts with Stainless Steel Screws for suction outlet retrofits	139
HWPL100	Pump Strainer Cover, Thread Style (replaces SPX3100D)	139
SCW1001	Screw Kit for LP8AVWRxxx, 10LTxxx, 10AVRxxx	145
SCW1002	Screw Kit for 32CDFLFRxxx, 32CDAVFRxxx	145
SCW1003	Screw Kit for WAV18WRxxx, P18xxx	145
SCW1004	Screw Kit for 32CDPHxxx, 32CDPHFRxxx	145
SCW1006	Screw Kit for 32CDPHVxxx	145
SCW1007	Screw Kit for 32CDPHFGxxx	145
SCW1008	Screw Kit for WAV9WRxxx, WAV12WRxxx	145
SCW1009	Screw Kit for GDDxxx	145
SCW1010	Screw Kit for R9MFxxx, R12MFxxx	146
SCW1011	Screw Kit for 8HPSBVxxx	146

Part #	Part Description	pg#
ProStar Miscellan	neous Replacement Parts CONTINUED	
SCW1012	Screw Kit for 32CDLTxxx, 32CDLTFRxxx	146
SCW1013	Screw Kit for 32CDAVVxxx, 32CDFLVxxx	146
SCW1014	Screw Kit for 32CDLTVxxx	146
SCW1016	Screw Kit for SUN18HPHxxx, RSUN18HPHxxx	146
SCW1018	Screw Kit for RSUN18HPHRxxx	146
SCW1019	Screw Kit for FCxxx	146
SCW1020	Screw Kit for 32PDxxx	147
SCW1021	Screw Kit for WAV24xxx, 24xxx	147
SCW1022	Screw Kit for SKRV3Nxxx	147
SCW1023	Screw Kit for 1216xxx, 914xxx	147
SCW1024	Screw Kit for SKRF3Nxxx	147
SCW1025	Screw Kit for A10RCFR2xxxX	147
SCW1026	Screw Kit for RNDxxx	147
SCW1027	Screw Kit for 4DIVxxx	147
SCW1029	Screw Kit for 6HPxxx, 6HPHAxxx	148
SCW1030	Screw Kit for 4HPxxx	148
SCW1032	Screw Kit for A10RCFRxxx	148
SCW1034	Screw Kit for 8HPxxx	148
SCW1035	Screw Kit forR8HPxxx, R8MFxxx	148
SCW1043	Screw Kit for 32CDLTFGxxx	148
SCW1045	Screw Kit for A8Rxxx	148
SCW1046	Screw Kit for 32CDFLxxx, 32CDAVxxx, PS109xxx	148
SCW1047	Screw Kit for 8MFxxx, 9MFxxx, 10MFxxx, 12MFxxx	148
SCW1048	Screw Kit for 18MFxxx	148
VSJW102	Socket and Jet Removal Tool for Most Major Brand Return Fittings	139

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